

ANNEXURE - 4

MULTI YEAR TARIFF FORMATS		
FORM TPS-1	Summary of Tariff	Y
FORM TPS-1 (I)	Statement showing Claimed Capital Cost	Y
FORM TPS-1 (II)	Statement showing Return on Equity	Y
FORM TPS-2	Plant Characteristics	Y
FORM TPS-3	Normative Parameters considered for Tariff Computation	Y
FORM TPS-4	Details of Foreign Loans	NA
FORM TPS-4A	Details of Foreign Equity	NA
FORM TPS-5	Abstract of Admitted Capital Cost for the Existing Project	NA
FORM TPS-6	Financial Package upto COD	NA
FORM TPS-7	Details of Project Specific Loans	NA
FORM TPS-8	Details of Allocation of Corporate Loans to various projects	NA
FORM TPS-9A	Yearwise Statements of Additional Capitalization after COD	Y
FORM TPS-10	Funding of Additional Capitalization after COD	NA
FORM TPS-11	Calculation of Rate of Depreciation	Y
FORM TPS-12	Statement of Depreciation	Y
FORM TPS-13	Weighted Average Rate of Interest	Y
FORM TPS-13A	Calculation of Interest on Normative Loan	Y
FORM TPS-13B	Calculation of Interest on Working Capital	Y
FORM TPS -15	Details/Information to be submitted in respect of fuel for computation of Energy Charges	Y
ECR		Y

			FORM TPS-I
SUMMARY SHEET			
Name of the Petitioner		MB POWER (MADHYA PRADESH) LIMITED	
Name of the Generating Station		ANUPPUR THERMAL POWER PROJECT	
Generating Unit (for which tariff is being claimed)		2 X 600 MW	
			Rs. Crore
S. No.	Particulars		2021-22
1	2		3
1.1	Depreciation	FORM TPS-12	396.53
1.2	Interest on Loan	FORM TPS-13A	401.66
1.3	Return on Equity	FORM TPS-II	344.70
1.4	Interest on Working Capital	FORM TPS-13B	85.39
1.5	O & M Expenses		260.52
	Total - Annual Capacity (Fixed) Charges		1,488.81
	Number of Days in Operation		365
	AFC for Number of Days in Operation		1,488.81
	Less: Non Tariff Income		-
	Net AFC (after adjusting Other Income)		1,488.81
	MP's 30% Share of Annual Capacity Charges		446.64
2	Energy Charge Rate ex-bus (Rs/kWh)		
2.1	Primary Fuel		2.284
2.2	Secondary Fuel Oil		0.023
2.3	Limestone Reagent		-
	Total - Energy Charge Rate ex-bus (Rs/kWh)		2.307

FORM-1(I)		
Name of the Petitioner		MB Power (Madhya Pradesh) Limited
Name of the Generating Station		2x600 MW Anuppur Thermal Power Station
FORM 1(I) - Statement Showing Claimed Capital Cost		
		Rs. Crore
S. No.	Particulars	2021-22
	Opening Capital Cost	8146.67
	Add: Addition during the year/ period #	27.67
	Less: Decapitalisation during the year/period	-
	Less: Reversal during the year/period	-
	Add: Discharges during the year/period	-
	Closing Capital Cost	8174.34
	Average Capital Cost	8160.51
FORM 1(I) - Statement Showing claimed Capital cost eligible for Return on Equity @ normal Rate		
		Rs. Crore
S. No.	Particulars	2021-22
	Opening Capital Cost (as approved in TO for FY 2020-21)	8146.67
	Add: Addition during the year/ period #	27.67
	Less: Decapitalisation during the year/period	-
	Less: Reversal during the year/period	-
	Add: Discharges during the year/period	-
	Closing Capital Cost	8174.34
	Average Capital Cost	8160.51
FORM 1(II) - Statement Showing claimed Capital cost eligible for Return on Equity @ weighted average rate of interest on actual loan portfolio (B)		
		Rs. Crore
S. No.	Particulars	2021-22
	Opening Capital Cost	-
	Add: Addition during the year/ period	-
	Less: Decapitalisation during the year/period	-
	Less: Reversal during the year/period	-
	Add: Discharges during the year/period	-
	Closing Capital Cost	-
	Average Capital Cost	-
# Rs 8.85 Cr incurred during FY 2021-22 & Rs 1.33 Cr incurred during FY 2020-21, which was earlier not approved by Honorable Commission in T.O. dated 25.08.2022. Please refer Para 20 of the present Petition		

FORM - 1(II)		
Name of the Petitioner		MB Power (Madhya Pradesh) Limited
Name of the Generating Station		2x600 MW Anuppur Thermal Power Station
PART-I		
Statement Showing Return on Equity @ Normal rate		
Rs. Crore		
S. No.	Particulars	FY 2021-22
1	2	3
	Gross Opening Equity (normal)	2,219.75
	Less: Adjustment in Opening Equity	
	Adjustment during the year	
	Net Opening Equity (normal)	2,219.75
	Add: Increase in equity due to addition during the year	8.30
	Less: decrease due to decapitalization during the year	
	Less: decrease due to reversal during the year	
	Add: increase due to discharge during the year	
	Net Closing Equity (normal)	2,228.05
	Average Equity (Normal)	2,223.90
	Rate of RoE (grossed up with effective tax rate)	15.500%
	Return on equity	344.70
Statement Showing Return on Equity (beyond the Original Scope of Work excluding additional capitalization due to change in law)		
Rs. Crore		
S. No.	Particulars	FY 2021-22
1	2	3
	Gross Opening Equity (normal)	
	Less: Adjustment in Opening Equity	
	Adjustment during the year	
	Net Opening Equity (normal)	
	Add: Increase in equity due to addition during the year	
	Less: decrease due to decapitalization during the year	
	Less: decrease due to reversal during the year	
	Add: increase due to discharge during thr year	
	Net Closing Equity (normal)	
	Average Equity (Normal)	
	Rate of RoE	
	Return on equity	

PLANT CHARACTERISTICS		
		PART 1
		FORM TPS 2
Name of the Petitioner	MB POWER (MADHYA PRADESH) LIMITED	
Name of the Generating Station	ANUPPUR THERMAL POWER PROJECT	
Generating Unit (for which tariff is being claimed)	2X600 MW	
Unit(s)/ Block(s)/ Parameters	Unit-I	Unit-II
Installed Capacity (MW)	600 MW	600 MW
Schedule COD	20-May-15	19-Nov-15
Actual COD/Date of Taken Over (as applicable)	20-May-15	07-Apr-16
Pit Head or Non Pit Head	Non-Pit Head Station	
Name of the Boiler Manufacture	M/s. Harbin Boiler Company Ltd.	
Name of Turbine Generator Manufacture	M/s. Harbin Turbine Company Ltd.	
Main Steam Pressure at Turbine inlet (kg/cm ² .abs)	166.7	
Main Steam Temperature at Turbine inlet (°C)	538	
Reheat Steam Pressure at Turbine inlet (kg/cm ² .abs)	32.64	
Reheat Steam Temperature at Turbine inlet (°C)	538	
Main Steam flow at Turbine inlet under MCR condition (tons/hr)	1844.57	
Main Steam flow at Turbine inlet under VWO condition (tons/hr)	2060	
Unit Gross electrical output under MCR /Rated condition (MW)	600	
Unit Gross electrical output under VWO condition (MW)	654.085	
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)	1945.70	
Conditions on which design turbine cycle heat rate guaranteed:		
% MCR	100	
% Makeup Water Consumption	0	
Design Capacity of Make up Water System (unit rated flow, cum per hr)	120	
Design Capacity of Inlet Cooling System (cum per hr)	71700	
Design Cooling Water Temperature (°C)	33	
Back Pressure (MPa.abs)	0.0101	
Steam flow at super heater outlet under BMCR condition (tons/ hr)	2060	
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm2.abs)	176	
Steam Temperature at super heater outlet under BMCR condition (oC)	541	
Steam Temperature at Reheater outlet at BMCR condition (oC)	541	
Design / Guaranteed Boiler Efficiency (%)	86.10%	
Design Fuel with and without Blending of domestic/imported coal (Max/Min. Values)	Ash (%) - 44/40, Moisture (%) - 16/12, Volatile Matter (%) - 26/20, Gross Clorific Value (Kcal/kg) - 3800/3200	
Type of Cooling Tower	Induced Draft	
Type of cooling system	Closed Cycle	
Type of Boiler Feed Pump	2 x 50% Turbo Driven; 1 x 50% Motor Driven	
Fuel Details		
-Primary Fuel	Coal	
-Secondary Fuel	LDO/ HFO	
-Alternate Fuels	None	
Special Features/Site Specific Features	Nearest Railway: Jaithari railway station (2 Km) Nearest Broad gauge: Anuppur on Katni -Bilashpur of South East Central Railway (15 Km) Nearest airports: Jabalpur and Raipur Water Source: "Sone" river, located around 6-7 Km	
Special Technological Features	Boiler: sub-critical, single-stage reheat, controlled circulation drum, balance draft, direct burner and tangential firing Steam turbine: tandem compound, 3-cylinder, 4 flows and condensing type with single reheat and eight (HP and LP) extractions. Coal handling: common for both units, 2x100% conveying, one track hopper and two wagon tippers, stacker-reclaimer, etc. Water systems: raw water from barrage at Sone river, intake water pump house, PTDM plant, induced draft cooling towers, cooling water pumping facilities, etc.	
Environmental Regulation related features	ESP installed. Activities for implementation of FGD and De-NOx systems, to mitigate the SOx and NOx as per latest norms, are in process.	
Any other special features		

(Petitioner)

		FORM-TPS-4
NORMATIVE PARAMETERS CONSIDERED FOR TARIFF COMPUTATION		
Name of the Petitioner		MB Power (Madhya Pradesh) Limited
Name of the Generating Station		2x600 MW Anuppurt Thermal Power Station
Generating Unit (for which tariff is being claimed)		2 x 600 MW
Particulars	Unit	FY 2021-22
Base Rate of Return on Equity	%	15.500%
Base Rate of Return on Equity on Additional Capitalization	%	-
Effective Tax Rate (MAT)	%	0.000%
Target Availability	%	85
In High Demand Season	%	85
Peak Hours	%	85
Off-Peak Hours	%	85
In Low Demand Season (Off peak)	%	85
Peak Hours	%	85
	%	85
Auxiliary Energy Consumption	%	6.25
Gross Station Heat Rate	kCal/kWh	2,372.80
Specific Fuel Oil Consumption	ml/kWh	0.50
FOR WORKING CAPITAL CORRESPONDING TO NORMATIVE ANNUAL PLANT AVAILABILITY FACTOR		
Cost of Coal towards Stock	in Days	30
Advance payment towards cost of coal for generation	in Days	30
Cost of Main Secondary Fuel Oil	in Months	2
O & M expenses	in Months	1
Maintenance Spares for WC	% of Annual O&M Expenses	20
Receivables for WC	Days	45
Storage capacity of Primary Fuel	in Days	30
SBI One year Marginal cost of Lending Rate + 350 basis points as on 1st April 2021	%	10.50
Blending ratio of domestic coal/imported coal	%	-

		STATEMENT OF ADDITIONAL CAPITALISATION					PART-II FORM-TPS-9A	
Name of the Petitioner		MIB POWER (MADHYA PRADESH) LIMITED						
Name of the Generating Station		ANUPPUR THERMAL POWER PROJECT (2 x 600 MW)						
FY		2021-22						
S. No.	Head of Work / Equipment	Accrual Basis	ACE Claimed (Projected) Un-discharged Liability (included in Col. 3)	Cash Basis (3-4)	IDC (included in col. 3)	Regulations under which claimed	Justification	Rs. Crore Cost admitted by the Commission, if any
1	Freehold Land related R&R Expenses	-	-	3.67	-	1.Regulation 27.1 of the Tariff Regulations, 2020 2.Regulations 66 and 67 of the Tariff Regulations, 2020; 3.This Hon'ble Commission's Order dated 07.12.2021 passed in Petition No. 34 of 2021 (Para 63-70) 4. This Hon'ble Commission's Order dated 25.08.2022 passed in Petition No. 21 of 2022		
2	Plant & Machinery							
2.1	Unfinished Works of M/s Lanco Infratech Limited;	-	-	-	-	1.Regulation 27.1 of the Tariff Regulations, 2020; 2.Regulations 66 and 67 of the Tariff Regulations, 2020; 3.Regulations 4, 1(i), 20.2, 54, 55 of the Tariff Regulations, 2015; 4.This Hon'ble Commission's Order dated 27.04.2019 passed in Petition No. 18 of 2019.		
2.2	Other Balance Works			13.39		5.This Hon'ble Commission's Orders dated 08.02.2021 & 10.02.2021 passed in Petition No. 21 of 2020 & Petition No. 22 of 2020 respectively 6.Regulation 28.1 of the Tariff Regulations, 2020 7.This Hon'ble Commission's Order dated 01.05.2021 passed in Petition No. 46 of 2020.		
2.3	Deferred works related to Railway Siding Works#	-	-	10.18	-	8.This Hon'ble Commission's Order dated 07.12.2021 passed in Petition No. 34 of 2021 9. This Hon'ble Commission's Order dated 25.08.2022 passed in Petition No. 21 of 2022		
3	Building & Civil Works							
3.1	Deferred works related to construction of ash dyke/ash handling system & other Civil Works	-	-	0.42	-	1.Regulation 27.1 of MPERC Tariff Regulations, 2020, 2.This Hon'ble Commission's Order dated 07.12.2021 passed in Petition No. 34 of 2021		
	Sub Total	-	-	27.67	-			-
# Rs 8.85 Cr incurred during FY 2021-22 & Rs 1.33 Cr incurred during FY 2020-21, which was earlier not approved by this Hon'ble Commission in the Order dated 25.08.2022. Please refer Para 20 of the present Petition								

						PART 1 FORM TPS - 11	
Calculation of Weighted Average Rate of Depreciation							
Name of the Petitioner							
MB POWER (MADHYA PRADESH) LIMITED							
Name of the Generating Station							
ANUPPUR THERMAL POWER PROJECT (2 x 600 MW)							
Generating Unit (for which tariff is being claimed)							
2x 600 MW							
Rs. Crore							
S. No.	Name of the Assets	Depreciation Rates as per MPERC's Depreciation Rate Schedule	Gross Block as on 01.04.2021 (IGAAP)	Additions during FY 2021-22 (IGAAP)	Gross Block as on 31.03.2022 (IGAAP)	Average Gross Block for the period FY 2021-22	Depreciation Amount for the period FY 2021-22
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Freehold Land	0%	163.16	1.53	164.69	163.93	-
2	Lease Hold Land	3.34%	23.41	-	23.41	23.41	0.78
3	Plant & Machinery	5.28%	6,631.95	21.13	6,653.08	6,642.51	350.72
4	Buildings (Permanent and other civil/structural works)	3.34%	1,397.55	(12.28)	1,385.28	1,391.42	46.47
5	Furniture & Fixtures	6.33%	6.25	0.21	6.46	6.36	0.40
6	Office Equipments	6.33%	3.60	0.37	3.97	3.79	0.24
7	EDP Equipments	15.00%	5.07	1.19	6.26	5.66	0.85
8	Vehicles	6.33%	2.58	1.07	3.65	3.11	0.20
9	Non Tangible Assets	15.00%	7.22	0.00	7.22	7.22	1.08
TOTAL			8,240.79	13.23	8,254.02	8,247.40	400.75
						Weighted Average Rate of Depreciation	
						4.86%	

		FORM TPS-12
STATEMENT OF DEPRECIATION		
Name of the Petitioner	MB Power (Madhya Pradesh) Limited	
Name of the Generating Station	1200 MW Anuppur Thermal Power Station	
Generating Unit (for which tariff is being claimed)	2 x 600 MW	
		Rs. Crore
Particulars	FY 2020-21	FY 2021-22
1	3	3
Opening Capital Cost	8,133.08	8,146.67
Closing Capital Cost	8,146.67	8,174.34
Average Capital Cost	8,139.88	8,160.51
Freehold land (included above)	120.81	124.48
Rate of depreciation	4.85%	4.86%
Depreciable value	7,217.16	7,244.87
Balance useful life at the beginning of the period	20.00	19.00
Remaining depreciable value		
Depreciation (for the period)	395.16	396.53
Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/ Station COD	-	-
Less: Cumulative depreciation adjustment on account of de-capitalization	-	-
Net Cumulative depreciation at the end of the period	2,431.76	2,828.29

MB POWER (MADHYA PRADESH) LIMITED (2 X 600 MW)		TPS- FORM 13
S.	Particulars	Banker's Certificate FY 2021-22
1	Loan-1 - PTC India Financial Services Limited	
	Net loan - Opening	1,64,70,11,601
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	1,64,70,11,601
	Net loan - Closing	-
	Average Net Loan	82,35,05,801
	Interest paid on loan	15,98,63,529
	Rate of Interest on Loan on annual basis	19.41%
2	Loan-2 - Power Finance Corporation Limited	
	Net loan - Opening	12,04,06,17,729
	Add: Drawal(s) during the Year	4,15,26,24,108
	Less: Repayment (s) of Loans during the year	86,77,50,000
	Net loan - Closing	15,32,54,91,837
	Average Net Loan	13,68,30,54,783
	Interest paid on loan	1,27,27,40,841
	Rate of Interest on Loan on annual basis	9.30%
3	Loan-3 - Rural Electrification Corporation Limited	
	Net loan - Opening	6,99,56,37,647
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	49,22,08,672
	Net loan - Closing	6,50,34,28,975
	Average Net Loan	6,74,95,33,311
	Interest paid on loan	77,08,72,625
	Rate of Interest on Loan on annual basis	11.42%
4	Loan-4 - SBI	
	Net loan - Opening	13,52,81,83,006
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	1,31,04,73,854
	Net loan - Closing	12,21,77,09,152
	Average Net Loan	12,87,29,46,079
	Interest paid on loan	1,47,83,66,583
	Rate of Interest on Loan on annual basis	11.48%
5	Loan-5 - Federal Bank	
	Net loan - Opening	41,22,74,270
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	41,22,74,270
	Net loan - Closing	-
	Average Net Loan	20,61,37,135
	Interest paid on loan	3,92,64,561
	Rate of Interest on Loan on annual basis	19.05%
6	Loan-6 - L&T	
	Net loan - Opening	2,06,58,46,791
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	2,06,58,46,791
	Net loan - Closing	-
	Average Net Loan	1,03,29,23,396
	Interest paid on loan	21,84,45,938
	Rate of Interest on Loan on annual basis	21.15%
7	Loan-7 - Axis Bank	
	Net loan - Opening	4,94,22,95,440
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	33,55,92,000
	Net loan - Closing	4,60,67,03,440
	Average Net Loan	4,77,44,99,440
	Interest paid on loan	47,61,19,772
	Rate of Interest on Loan on annual basis	9.97%
8	Loan-8 - LIC	
	Net loan - Opening	1,65,12,10,691
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	12,38,34,799
	Net loan - Closing	1,52,73,75,892
	Average Net Loan	1,58,92,93,292
	Interest paid on loan	15,97,33,546
	Rate of Interest on Loan on annual basis	10.05%
9	Loan-9 - IIFCL-UK	
	Net loan - Opening	7,44,69,68,347
	Add: Drawal(s) during the Year	-
	Less: Repayment (s) of Loans during the year	18,27,38,437
	Net loan - Closing	7,26,42,29,910
	Average Net Loan	7,35,55,99,128
	Interest paid on loan	84,71,92,074
	Rate of Interest on Loan on annual basis	11.52%
10	Total Loan	
	Net loan - Opening	50,73,00,45,522
	Add: Drawal(s) during the Year	4,15,26,24,108
	Less: Repayment (s) of Loans during the year	7,43,77,30,424
	Net loan - Closing	47,44,49,39,206
	Average Net Loan	49,08,74,92,364
	Total Interest paid on loan	5,42,25,99,469
	Rate of Interest on Loan on annual basis	11.05%

		FORM TPS-13 A
CALCULATION OF INTEREST ON NORMATIVE LOAN		
Name of the Petitioner	MB Power (Madhya Pradesh) Limited	
Name of the Generating Station	1200 MW Anuppur Thermal Power Station	
Generating Unit (for which tariff is being claimed)	2 x 600 MW	
		Rs. Crore
Particulars	FY 2020-21	FY 2021-22
Gross Opening Loan	6,246.85	6,256.36
Cumulative repayment till previous year	2,036.60	2431.76
Net Normative loan - Opening	4,210.25	3,824.60
Add: Increase due to addition during the year/period	9.51	19.37
Less: Repayment during the year/period	395.16	396.53
Net Normative loan - Closing	3,824.60	3,447.44
Average Normative Loan	4,017.42	3,636.02
Weighted Average Rate of Interest (%)	11.50%	11.05%
Interest on Loan	462.02	401.66

FORM TPS 13 B

CALCULATION OF INTEREST ON WORKING CAPITAL

Name of the Petitioner	MB POWER (MADHYA PRADESH) LIMITED	
Name of the Generating Station	ANUPPUR THERMAL POWER PROJECT (2 x 600 MW)	
Generating Unit (for which tariff is being claimed)	2 X 600 MW	
		Rs. Crore
Particulars	2021-22	
1	2	
Cost of Coal towards Stock		157.24
Cost of Coal towards Generation		157.24
Cost of Main Secondary Fuel Oil		3.19
O & M Expenses		21.71
Maintenance Spares		52.10
Cost of Stock towards Limestone Reagent		-
Receivables		421.77
Total Working Capital		813.25
Rate of Interest on Working Capital		10.50%
Interest on Working Capital		85.39

Details of information to be submitted in respect of Fuel for Computation of Energy Charges (Form -15).										
Name of the Company:										
Name of the Power Station:										
MB Power (Madhya Pradesh) Limited										
Anuppur Thermal Power Station (2 X 600 MW)										
S.No.	Particulars	Unit	Jan-21		Feb-21		Mar-21		Domestic Coal (Non-FSA)	Domestic Coal (Non-FSA)
			Domestic Coal (FSA)	Domestic Coal (Non-FSA)	Domestic Coal (FSA)	Domestic Coal (Non-FSA)	Domestic Coal (FSA)	Domestic Coal (Non-FSA)		
1	Opening Stock of Coal(Usable)	MT	1,10,991	85,059	185962	48213	293096	293096	6454	6454
2	Value of Opening Stock	Rs.	34,37,34,738	28,28,71,611	55,144,0924	16,562,5918	88,087,5868	88,087,5868	237,09,568	237,09,568
	Quantity of Coal/Lignite supplied by the Coal/Lignite Company during the Period	MT	4,35,433	36,330	47,3809	9874	349620	349620	39840	39840
4	Adjustments (+/-) in quantity supplied by coal/Lignite Company during the Period	MT	-	-	-	-	-	-	-	-
5	Net Coal supplied by Coal/Lignite Company (3+ 4)	MT	4,35,433	36,330	4,37,809	9,874	3,49,620	3,49,620	39,640	39,640
6	Normative transit & Handling losses - @0.8%	MT	3,483	291	3,502	79	2,797	2,797	317	317
7	Net Coal/Lignite Supplied during the Period (5-6)	MT	4,31,950	36,039	4,34,307	9,795	3,46,823	3,46,823	39,323	39,323
8	Amount charged by the Coal /Lignite Company during the Period	Rs.	80,02,94,341	7,51,44,350	80,24,08,783	4,84,53,583	64,48,51,206	64,48,51,206	17,07,04,255	17,07,04,255
9	Adjustment in amount charged made by the coal / Lignite Company during the Period	Rs.	-	-	-	-	-	-	-	-
10	Total Amount charged during the Period (8+9)	Rs.	80,02,94,341	7,51,44,350	80,24,08,783	4,84,53,583	64,48,51,206	64,48,51,206	17,07,04,255	17,07,04,255
11	Transportation charges by Rail / Ship / Road during the Period	Rs.	36,40,40,213	-	41,70,73,137	-	27,98,89,764	27,98,89,764	-	-
12	Adjustment in amount made by Railways / Transport company during the Period	Rs.	-	-	-	-	-	-	-	-
13	Demurrage charges, if any, during the Period	Rs.	-	-	-	-	-	-	-	-
14	Cost of diesel in transporting Coal through MGR system, if applicable, during the Period	Rs.	-	-	-	-	-	-	-	-
15	Total transportation charges (11+/- 12 - 13 + 14)	Rs.	36,40,40,213	-	41,70,73,137	-	27,98,89,764	27,98,89,764	-	-
16	Other Charges (viz. Coal Handling Agency Charges) during the Period	Rs.	10,19,32,326	-	9,32,79,053	-	7,21,57,620	7,21,57,620	-	-
17	Total amount charged for Coal/Lignite supplied including transportation (10+15+16)	Rs.	1,26,62,66,880	7,51,44,350	1,31,27,60,973	4,84,53,583	99,68,98,590	99,68,98,590	17,07,04,255	17,07,04,255
18	Weighted average GCV of Coal /Lignite as received, during the Period	Kcal/kg	3,327	3,774	3,363	3,774	3,402	3,402	3,644	3,644
19	Quantity of Coal at the station during the Period (1+7)	MT	5,42,941	1,21,098	6,20,269	58,008	6,39,919	6,39,919	45,777	45,777
20	Total Amount Charged for the coal during the Period (2+17)	Rs.	1,61,00,01,618	35,80,15,961	1,86,42,01,897	21,40,79,501	1,87,77,74,458	1,87,77,74,458	19,44,13,823	19,44,13,823
21	Landed Cost of Coal per MT during the Period(20/19)	Rs./MT	2,965	2,956	3,005	4,805	2,741	2,741	4,778	4,778
22	Total Coal Consumed during the period	MT	3,56,979	72,885	3,27,173	51,554	2,28,298	2,28,298	35,670	35,670
22A	Quantity of Coal Consumed for MPPMCL during the Period	MT	1,24,313	25,402	1,20,617	19,025	73,443	73,443	11,303	11,303
22B	Quantity of Coal Consumed for Sale Other than MP	MT	2,32,666	47,483	2,06,556	3,2529	154,855	154,855	24,367	24,367
23	Weighted Average Issue price of Coal (24/22)	Rs./MT	2,965	2,640	2,769	4,828	2,741	2,741	4,771	4,771
24	Total Value of Coal Consumed	Rs.	1,05,85,60,694	19,23,90,043	99,33,260,229	19,036,9933	66,573,63,55	66,573,63,55	15,18,51,608	15,18,51,608
24A	Value of Coal Consumed MPPMCL	Rs.	36,86,29,937	8,72,83,205	36,25,10,332	70,24,24,19	21,44,06,175	21,44,06,175	4,81,07,175	4,81,07,175
24B	Value of Coal for equivalent Heat Quantity from Transfer from Non-FSA to FSA	Rs.	-	-	-	-	-	-	-	-
25	Closing Stock of Coal (19-22+22B)	Rs.	1,85,962	48,213	2,93,096	6,454	4,11,621	4,11,621	10,107	10,107
26	Value of Closing Stock (20-24+24B)	Rs.	55,14,40,924	16,56,25,918	88,08,75,868	2,37,09,568	1,21,20,38,103	1,21,20,38,103	4,25,62,315	4,25,62,315
Details of information to be submitted in respect of fuel for computation of Energy Charges:										
S.No.	Particulars	Unit	Domestic Coal (FSA)	Domestic Coal (Non-FSA)	Domestic Coal (FSA)	Domestic Coal (Non-FSA)	Domestic Coal (FSA)	Domestic Coal (Non-FSA)	Domestic Coal (Non-FSA)	Domestic Coal (Non-FSA)
1	Landed Cost of Coal as per Sl. No. 24A/22A for MPPMCL	Rs./MT	2,965	2,640	2,769	4,828	2,741	2,741	4,774	4,774
2	Usage quantity for the month	MT	1,24,313	25,402	1,20,617	19,025	73,443	73,443	11,303	11,303
3	Weighted Average Rate	Rs./MT	2,910	2,910	3,049	3,049	3,049	3,049	3,012	3,012
4	Weighted Average GCV of Coal/Lignite on as received basis less 85 Kcal/kg on account of variation during storage at generating station	Kcal/kg	3,317	3,317	3,334	3,334	3,334	3,334	3,336	3,336
			Jan-21	Feb-21	Mar-21	Average				
	Weighted Average Landed cost of Coal	Rs/MT	2,910	3,049	3,012	2,985				
	Weighted Average GCV of Coal	Kcal/kg	3,317	3,334	3,336	3,336				
	Weighted Average Landed Cost of Secondary Fuel Oil	Rs/KL	42,849	42,849	42,849	42,849				

Energy Charge Rate		
Name of the Petitioner	MB POWER (MADHYA PRADESH) LIMITED	
Name of the Generating Station	ANUPPUR THERMAL POWER PROJECT (2 x 600 MW)	
		Rs. Crore
Particulars	Unit	2021-22
Capacity	MW	1,200
NAPAF	%	85%
Hours in a Day	Hrs	24
Days in the Year	Days	365
Annual Hours of Operation	Hrs	8,760
Energy Generated	MU	8,935
Aux. Power Consumption in %	%	6.25%
Aux. Power Consumption	MU	558
Energy Sent Out	MU	8,377
Gross Station Heat Rate	kCal/kWh	2,372.80
Specific Fuel Oil Consumption	ml/kWh	0.50
Oil Stock		
Weighted Avg. GCV of Oil	kCal/Litre	10,000
Heat Contribution by Oil	kCal/kWh	5.00
Annual Requirement of Oil	Litres	44,67,600
Oil Stock(2 months)	KL	745
Weighted Avg. Price of Oil	Rs/KL	42,849
Annual Secondary Fuel Oil Cost	Rs Cr	19.14
Oil Stock- 2 months	Rs Cr	3.19
Coal Stock		
Weighted Avg. GCV of Coal	kCal/Kg	3,328
Heat Contribution by Coal	kCal/kWh	2,368
Specific Coal Consumption (kg/kwh)	Kg/kWh	0.711
Annual Requirement of Coal including transit loss	MT	64,08,610
Coal Stock (30 days)	MT	5,26,735
Weighted Avg. Price of Coal (Rs./MT)	Rs /MT	2,985.17
Annual Coal Cost	Rs Cr	1,913.07
Coal Stock (30 days) - (Rs. in Crore)	Rs Cr	157
Annual Energy Charges	Rs Cr	1,932.21
Energy Charge (Net)	Rs/kWh	2.307
Receivables- (Rs. in Crore)		
Variable Charges -45 days	Rs Cr	238.22
Fixed Charges - 45 days	Rs Cr	183.55
Total	Rs Cr	421.77