

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply

Sr. No.	Title	Reference
1	Aggregate Revenue Requirement - Summary Sheet	ARR-Summary
2	Customer Sales Forecast	Form 1
3	Power Purchase Expenses	Form 2
4	Summary of Operations and Maintenance Expenses	Form 3
5	Normative O&M Expenses	Form 3.1
6	Summary of Capital Expenditure & Capitalisation	Form 4
7	Capital Expenditure Plan	Form 4.1
8	Capitalisation Plan	Form 4.2
9	Assets & Depreciation	Form 5
10	Interest Expenses	Form 6
11	Interest on Working Capital	Form 7
12	Return on Regulatory Equity	Form 8
13	Non-tariff Income	Form 9
14	Sale of Electrical Energy	Form 10A
15	Expected Revenue at Existing Tariff	Form 11
16	Cross Subsidy Trajectory	Form 14

NOTE:

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

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form Summary: Aggregate Revenue Requirement - Summary Sheet

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	Reference	FY 2021-22
			Projected
1	Power Purchase Expenses	Form 2	5,953.07
2	Operation & Maintenance Expenses	Form 3	729.51
3	Depreciation	Form 5	294.17
4	Interest & Finance Charges	Form 6	63.13
5	Interest on Working Capital	Form 7	0
6	Bad Debts written off		16.83
7	Contribution to contingency reserves		
8	Total Revenue Expenditure		7,056.71
9	Return on Equity Capital	Form 8	169.64
10	Income Tax		12.22
11	Aggregate Revenue Requirement		7,238.57
12	Less: Non Tariff Income	Form 9	145.68
13	Less: Income from Other Business		
14	Aggregate Revenue Requirement of Wires Business		7,092.89

Distribution Wires Business

Sr. No.	Particulars	Reference	FY 2021-22
			Projected
1	Operation & Maintenance Expenses	Form 3	448.97
2	Depreciation	Form 5	264.75
3	Interest & Finance Charges	Form 6	56.82
4	Interest on Working Capital	Form 7	-
5	Contribution to contingency reserves		
6	Total Revenue Expenditure		770.54
7	Return on Equity Capital	Form 8	152.67
8	Income Tax		11.00
9	Aggregate Revenue Requirement		934.21
10	Less: Non Tariff Income	Form 9	14.57
11	Less: Income from Other Business		
12	Aggregate Revenue Requirement of Wires Business		919.64

Distribution Retail Supply Business

Sr. No.	Particulars	Reference	FY 2021-22
			Projected
1	Power Purchase Expenses	Form 2	5,953.07
2	Operation & Maintenance Expenses	Form 3	280.54
3	Depreciation	Form 5	29.42
4	Interest & Finance Charges	Form 6	6.31
5	Interest on Working Capital	Form 7	-
6	Bad debts written off		16.83
7	Contribution to contingency reserves		
8	Total Revenue Expenditure		6,286.17
9	Return on Equity Capital	Form 8	16.96
10	Income Tax		1.22
11	Aggregate Revenue Requirement		6,304.36
12			
13	Less: Non Tariff Income	Form 9	131.11
14	Less: Income from Other Business		
15	Aggregate Revenue Requirement of Retail Supply		6,173.24

Note

For FY 2021-22 : GERC Tariff Regulations, 2016 will be Applicable

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 1: Customer Sales & Forecast

Ensuing Years (FY 2021-22)

Consumer Category & Consumption Slab		FY 2021-22
LT		6,632.01
RGP		2,999.64
Urban		1,861.76
	Zero	-
	1-50 kWh	72.57
	51-100 kWh	271.27
	101-250 kWh	727.14
	Above 250 kWh	790.78
BPL - Urban		12.90
	Zero	-
	1-50 kWh	1.95
	51-100 kWh	3.90
	101-250 kWh	5.36
	Above 250 kWh	1.70
Rural		1,022.65
	Zero	-
	1-50 kWh	20.79
	51-100 kWh	292.69
	101-250 kWh	427.27
	Above 250 kWh	281.91
BPL - Rural		102.33
	Zero	-
	1-50 kWh	35.09
	51-100 kWh	31.18
	101-250 kWh	24.41
	Above 250 kWh	11.65
GLP		142.64
Non-RGP & LTMD		1,765.37
Non RGP		900.39
Consumer other than seasonal consumer		
	For installation having contracted load up to and including 10 kW: for entire consumption during the month	495.83
	For installation having contracted load exceeding 10 kW: for entire consumption during the month	404.08
Seasonal Consumer		
	For installation having contracted load up to and including 10 kW: for entire consumption during the month	0.08
	For installation having contracted load exceeding 10 kW: for entire consumption during the month	0.39
Non RGP Night		
	First 10 kW of connected load	-
	For next 30 kW of connected load	-
LTMD		864.99
Consumer other than seasonal consumer		
	For first 40 kW of billing demand	78.81
	Next 20 kW of billing demand	182.12
	Above 60 kW of billing demand	594.40
	For billing demand in excess of the contract demand	-
Seasonal Consumer		
	For first 40 kW of billing demand	0.02
	Next 20 kW of billing demand	0.96
	Above 60 kW of billing demand	8.67
	For billing demand in excess of the contract demand	-
LTMD Night		
	For first 40 kW of billing demand	-
	Next 20 kW of billing demand	-
	Above 60 kW of billing demand	-
	For billing demand in excess of the contract demand	-
Public Water Works		380.59
LTP-Lift Irrigation		0.59
WWSP		
	Type I (Other than Local Authority)	33.23
	Type II (Local Authority out side Gram Panchayat area)	-
	Type III (Local Authority in Gram Panchayat area)	346.77
Agriculture		1,343.77
	HP Based Tariff-Unmetered	473.87
	Metered Tariff	855.21
	Tatkal Scheme	14.68
LT Electric Vehicle		-

HT & EHT Category		
Industrial HT		4,153.67
HTP - I		
	Upto 500 kVA of Billing Demand	408.76
	For next 500 kVA of Billing Demand	476.30
	For billing demand in excess of 1000 kVA and less than 2500 kVA	1,004.37
	For billing demand >2500 kVA	1,878.13
	Billing Demand in Excess of contract demand	-
Seasonal		
	Upto 500 kVA of Billing Demand	9.87
	For next 500 kVA of Billing Demand	2.32
	For billing demand in excess of 1000 kVA and less than 2500 kVA	-
	For billing demand >2500 kVA	-
	Billing Demand in Excess of contract demand	-
HTP - II		
	Upto 500 kVA of Billing Demand	75.81
	For next 500 kVA of Billing Demand	49.92
	For billing demand in excess of 1000 kVA and less than 2500 kVA	39.76
	For billing demand >2500 kVA	22.17
	Billing Demand in Excess of contract demand	-
HTP - III		
	For billing demand upto contract demand	1.49
	For billing demand in excess of contract demand	-
HTP - IV		
	Upto 500 kVA of Billing Demand	0.23
	For next 500 kVA of Billing Demand	0.02
	For billing demand in excess of 1000 kVA and less than 2500 kVA	7.84
	For billing demand >2500 kVA	173.60
	Billing Demand in Excess of contract demand	-
HTP V		3.09
Railway Traction		
	For billing demand upto the contract demand	
	For billing demand in excess of contract demand	
Total		10,785.67

Past Sales Data

Consumer Category & Consumption Slab	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	5 Year CAGR
HT & EHT Category							
Industrial HT	3,161	3,250	3,046	3,703	4,094	3,767	3.57%
Railway Traction	391	291	39	-	-	-	-100.00%
Low Voltage Category							
RGP	2,130	2,287	2,331	2,475	2,609	2,720	5.01%
GLP	112	120	124	123	124	135	3.79%
Non-RGP & LTMD	1,250	1,326	1,390	1,465	1,543	1,604	
Public Water Works	199	220	235	286	302	314	9.51%
Agriculture-Unmetered	473	472	471	475	475	474	0.04%
Agriculture-Metered	579	710	695	753	857	739	5.02%
Total	8,295	8,675	8,330	9,281	10,004	9,754	3.29%

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 2: Power Purchase Expenses

FY 2021-22

Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	GUVNL share (MW)	Energy Received (MU)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit (Rs/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Energy purchased (Rs Crore)
	a	b	c	d	e	f	g	h	i	j
GSECL										
GSECL Gandhinagar - 5				83	71.45		4.02	33		104.92
GSECL Wanakbori - 7				83	62.68		3.87	32		94.88
GSECL Utran Expan				722	239.83		3.52	254		493.65
GSECL Dhuvaran - 7				179	49.57		2.87	52		101.13
GSECL Dhuvaran - 8				87	29.37		3.14	27		56.83
GSECL Ukai				2,580	277.53		3.67	947		1,224.83
GSECL Ukai Expan				2,660	493.14		3.24	861		1,354.42
GSECL Gandhinagar 3-4				166	229.03		4.19	70		298.87
GSECL Wanakbori 1-6				502	559.73		3.93	198		757.26
GSECL Sikka Expansion				2,451	602.27		3.58	877		1,478.95
GSECL Kutch Lignite				261	79.49		2.70	71		150.02
GSECL Kutch Lignite Exp unit 4				261	56.79		2.52	66		122.49
GSECL Ukai Hydro				765	41.45		-	-		41.45
GSECL Kadana Hydro				445	68.62		-	-		68.62
GSECL Dhuvaran CCPP III				538	118.27		3.41	184		302.03
GSECL BLTPS				1,169	502.66		2.89	338		840.96
GSECL Wanakbori - 8				5,644	818.28		3.31	1,866		2,684.74
Sub Total				18,601	4,300.15		-	5,876		10,176.06

IPP's										
Gujarat State Energy Generation				42	30.89		4.03	17		47.74
Gujarat State Energy Generation Expansion				149	169.31		3.67	55		224.11
Gujarat Industries Power Co Ltd (165 MW)				13	-		4.10	5		5.30
Gujarat Industries Power Co Ltd (SLPP)				1,423	133.58		1.44	204		338.06
Gujarat Mineral Development Corp.				547	61.92		1.32	72		134.23
Gujarat Industries Power Co Ltd (145 MW)				123	5.54		2.99	37		42.40
Gujarat Industries Power Co Ltd (SLPP - Exp)				1,530	260.68		1.41	216		476.92
GPPC Pipavav				522	313.39		3.57	187		500.04
Essar Power Gujarat Ltd				7,008	645.00		1.77	1,239		1,884.26
Adani Power Ltd - (Unit 1 - 4)				8,369	809.84		2.92	2,446		3,255.72
ACB India Ltd.				1,270	178.90		0.67	85		263.46
Coastal Gujarat Power Co Ltd				12,649	1,144.04		1.86	2,358		3,502.51
Power Exchange				1,744	-		3.53	616		616.01
Short term Bilateral				3,353	-		3.17	1,062		1,062.12
Sub Total				38,742	3,753.08		-	8,600		12,352.87

Central Sector									
NPC-Tarapur 1 & 2			631	-		2.07	130		130.29
NPC-Tarapur 3 & 4			1,921	-		3.07	591		590.70
NPC-Kakrapar			869	-		2.48	215		215.50
NTPC-Vindhyachal - I			1,514	134.41		1.88	285		419.20
NTPC-Vindhyachal - II			1,553	115.39		1.79	277		392.80
NTPC-Vindhyachal - III			1,905	194.01		1.77	338		531.66
NTPC-Korba			2,566	174.25		1.46	375		549.55
NTPC-Korba -II			686	94.36		1.42	97		191.48
NTPC-Kawas			489	115.29		3.04	149		264.04
NTPC-Jhanor			186	181.02		3.55	66		247.07
NTPC-Sipat-I			3,788	492.28		1.52	578		1,069.93
NTPC-Sipat - II			1,976	239.39		1.57	310		549.60
NTPC-Kahlagaon			984	106.46		2.08	204		310.83
NTPC-Vindhyachal - IV			1,763	265.43		1.74	307		572.82
NTPC-Mauda			1,499	316.87		3.28	492		808.49
NTPC-Vindhyachal - V			720	111.77		1.80	130		241.65
NTPC-Mauda II			1,486	307.84		3.22	479		786.97
NTPC-Gadarwara			2,122	334.00		2.58	547		880.63
NTPC-LARA			1,089	110.00		2.55	277		387.31
NTPC-Khargone			1,714	246.00		2.97	510		755.78
Sardar Sarovar Nigam Ltd			639	-		2.05	131		130.98
Sub Total			30,101	3,538.77		-	6,488		10,027.26
Others									
Captive Power			6	-		2.15	1		1.27
Renewable			-	-		-	-		-
Wind Farms			8,217	-		3.45	2,835		2,835.09
Solar			2,702	-		7.82	2,112		2,112.18
Small/Mini Hydal			87	-		4.65	40		40.47
Biomass			165	-		5.86	97		96.91
Solar (New)			4,976	-		2.62	1,305		1,304.99
Wind (New)			599	-		2.80	168		167.61
Others (New)			340	-		6.67	227		226.80
Sub Total			17,092	-		-	6,785		6,785.33
TOTAL			104,536	11,592.00			27,749.51		39,341.51

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 3: Operations and Maintenance Expenses Summary

(Rs. Crore)

Sr. No.	Particulars	Reference	
			FY 2021-22 Projected
1	O&M Expenses	Form 3.1	790.58
1.1	Employee Expenses	Form 3.2	627.45
1.2	R&M Expenses	Form 3.4	68.95
1.3	A&G Expenses	Form 3.5	94.19
	Other Debits		
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
2	O&M Expense capitalised		(61.07)
3	Total Operation & Maintenance Expenses (net of capitalisation)		729.51

MADHYA GUJARAT VIJ COMPANY LIMITED

Vadodara

ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply

Form 3.1: Normative O&M Expenses for FY 2021-22

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	FY 2021-22	
		Normative\$	Projected\$\$
		1	Employee Expenses
3	A&G Expenses		94.19
2	R & M Expenses		68.95
	Other Debits		
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
	Other Expenses Capitalised		(61.07)
4	Total O&M Expenses		729.51

Notes:

\$ Normative O&M expenses for FY 2021-22 to be computed by escalating (e) by 5.72% year on year

\$\$ In case Projected O&M expenses for Control Period are different from Normative O&M expenses, then detailed justification should be provided

A) Distribution Wires Business

(Rs. Crore)

Sr. No.	Particulars	FY 2021-22	
		Normative\$	Projected\$\$
		1	Employee Expenses
2	A&G Expenses		47.09
3	R & M Expenses		62.05
	Other Debits		
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
	Other Expenses Capitalised		(36.64)
4	Total O&M Expenses		448.97

B) Distribution Retail Supply Business

(Rs. Crore)

Sr. No.	Particulars	FY 2021-22	
		Normative\$	Projected\$\$
		1	Employee Expenses
2	A&G Expenses		47.09
3	R & M Expenses		6.89
	Other Debits		
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
	Other Expenses Capitalised		(24.43)
4	Total O&M Expenses		280.54

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22- Distribution & Retail Supply
Form 4: Summary of Capital Expenditure and Capitalisation

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	FY 2021-22
		Projected
1	Capital Expenditure	348.95
2	Capitalisation	348.95
3	IDC	
4	Capitalisation + IDC	348.95

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

Note:

A) Distribution Wires Business

Sr. No.	Particulars	FY 2021-22
		Projected
1	Capital Expenditure	314.06
2	Capitalisation	314.06
3	IDC	
4	Capitalisation + IDC	314.06

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

Note:

B) Retail Supply Business

Sr. No.	Particulars	FY 2021-22
		Projected
1	Capital Expenditure	34.90
2	Capitalisation	34.90
3	IDC	
4	Capitalisation + IDC	34.90

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

Note:

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 4.1: Capital Expenditure Plan

Project Details

		(Rs. Crore)
		CAPITAL
Project Number	Project Title	FY 2019-20
		Projected
A	Distribution Schemes	
	Normal Development Scheme	33.60
	Distribution Infra & Shifting Schemes(DISS)	25.00
	Electrification of hutments	3.75
	Kutir Jyoti Scheme	1.10
	Others Harijan Basti – Petapara	0.36
	System Improvement	71.00
	Total	134.81
B	Rural Electrification Schemes	-
	TASP(Wells & Petapara)	67.60
	Special Component plan	1.30
	RE Wells(OA +SPA)	77.22
	Dark Zone	12.29
	Surya Shakti Kishan Yojana	-
	PM Kusum Comp-B	-
	PM Kusum Comp-C	18.80
	Total	177.21
C	Central Government Scheme - Plan	-
	PSDF	13.00
	Total	13.00
D	Other New Schemes	-
	Sagar Khedu	1.50
	Energy Conservation(HVDS)	4.50
	Vehicle	0.15
	Sardar Krushi Jyoti Yojna	6.98
	Misc Civil + Electrical Works	10.20
	Furniture	0.60
	Total	23.93
	Capital Expenditure Total	348.95

Financing Plan

Particulars	FY 2021-22
	Projected
Total Capitalization	348.95
Consumer Contribution	94.71
Grants	20.20
Balance CAPEX for the Year	234.04
Debt	163.83
Equity	70.21

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 4.2: Capitalisation Plan

Project Details					Project Details			(Rs. Crore)
Sr. No.	Project Code	Project Title	Capital Expenditure	Physical Progress (%)	Sr. No.	Project Code	Project Title	Capitalisation
			Projected	Projected				Projected
			FY 2021-22	FY 2021-22				FY 2021-22
A	Distribution Schemes	Distribution Schemes			A	Distribution Schemes	Distribution Schemes	
		Normal Development Scheme	33.60	100%			Normal Development Scheme	33.60
		Distribution Infra & Shifting Schemes(DISS)	25.00	100%			Distribution Infra & Shifting Schemes(DISS)	25.00
		Electrification of hutments	3.75	100%			Electrification of hutments	3.75
		Kutir Jyoti Scheme	1.10	100%			Kutir Jyoti Scheme	1.10
		Others Harijan Basti – Petapara	0.36	100%			Others Harijan Basti – Petapara	0.36
		System Improvement	71.00	100%			System Improvement	71.00
		Total	134.81	100%			Total	134.81
B	Rural Electrification Schemes	Rural Electrification Schemes			B	Rural Electrification Schemes	Rural Electrification Schemes	
		TASP(Wells & Petapara)	67.60	100%			TASP(Wells & Petapara)	67.60
		Special Component plan	1.30	100%			Special Component plan	1.30
		RE Wells(OA +SPA)	77.22	100%			RE Wells(OA +SPA)	77.22
		Dark Zone	12.29	100%			Dark Zone	12.29
		Surya Shakti Kishan Yojana	-	100%			Surya Shakti Kishan Yojana	-
		PM Kusum Comp-B	-	100%			PM Kusum Comp-B	-
		PM Kusum Comp-C	18.80	100%			PM Kusum Comp-C	18.80
		Total	177.21	100%			Total	177.21
C	Central Government Scheme - Plan	Central Government Scheme - Plan			C	Central Government Scheme - Plan	Central Government Scheme - Plan	
		PSDF	13.00	100%			PSDF	13.00
		Total	13.00	100%			Total	13.00
D	Other New Schemes	Other New Schemes			D	Other New Schemes	Other New Schemes	
		Sagar Khedu	1.50	100%			Sagar Khedu	1.50
		Energy Conservation(HVDS)	4.50	100%			Energy Conservation(HVDS)	4.50
		Vehicle	0.15	100%			Vehicle	0.15
		Sardar Krushi Jyoti Yojna	6.98	100%			Sardar Krushi Jyoti Yojna	6.98
		Misc Civil + Electrical Works	10.20	100%			Misc Civil + Electrical Works	10.20
		Furniture	0.60	100%			Furniture	0.60
		Total	23.93	100%			Total	23.93
F	Capital Expenditure Total	Total	348.95	100%		Capital Expenditure Total	Total	348.95

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
MYT Petition, True-up Petition Formats - Distribution & Retail Supply
Form 5: Assets & Depreciation

Distribution Business

Fixed Assets and Depreciation For FY 2021-22

Particulars *	Gross Block- FY 2021-22				Depreciation- FY 2021-22				Applicable rate of Depreciation (%) *	Net Block- FY 2021-22	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Land	5.55	0.32		5.86						4.83	5.15
Buildings	75.28	4.28		79.56						72.97	77.25
Hydraulic works	0.19	0.01		0.20						0.19	0.20
Other Civil Works	33.83	1.92		35.76						32.80	34.72
Plant & Machinery	1,134.56	64.46		1,199.02						1,081.90	1,146.36
Lines & Cables	4,708.25	267.49		4,975.74						4,275.36	4,287.20
Vehicles	5.41	0.31		5.71						5.01	5.32
Furniture & Fixtures	16.02	0.91		16.93						15.24	16.15
Office Equipments	94.30	5.36		99.66						93.84	99.19
Computer	0.46	0.03		0.49							
Lease hold land	22.46	1.28		23.74						0.07	0.09
Computer Software	45.69	2.60		48.29						42.58	45.17
TOTAL	6,142.01	348.95	-	6,490.96		294.17			-	5,647.25	5,740.54

* The particular of asset and rate of depreciation should match with those provided in the applicable Tariff Regulations

Distribution Wire Business

Particulars *	Gross Block- FY 2021-22				Depreciation- FY 2021-22				Applicable rate of Depreciation (%) *	Net Block- FY 2021-22	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables											
Vehicles											
Furniture & Fixtures											
Office Equipments											
Assets taken over from licensees pending final valuation											
Computer Software											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
TOTAL					-	264.75		-			

Distribution Retail Supply Business

Particulars *	Gross Block- FY 2021-22				Depreciation- FY 2021-22				Applicable rate of Depreciation (%) *	Net Block- FY 2021-22	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Land											
Buildings											
Hydraulic works											
Other Civil Works											
Plant & Machinery											
Lines & Cables											
Vehicles											
Furniture & Fixtures											
Office Equipments											
Capital Expenditure on Assets not belonging to utility											
Spare Units											
Capital Spares											
TOTAL					-	29.42		-			

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 6: Interest Expenses

A. Normative Loan

(Rs. Crore)

Sr. No.	Source of Loan	FY 2021-22
		Projected
1	Opening Balance of Normative Loan	-
2	Less: Reduction of Normative Loan due to retirement or replacement of assets	
3	Addition of Normative Loan due to capitalisation during the year	163.83
4	Repayment of Normative loan during the year	163.83
5	Closing Balance of Normative Loan	-
6	Average Balance of Normative Loan	-
7	Weighted average Rate of Interest on actual Loans (%)	6.15%
8	Interest Expenses	-
9	Interest on Security Deposit from Consumers and Distribution system Users	62.39
10	Other Bank Charges	0.74
11	Finance Charges	
12	Total Interest & Finance Charges	63.13

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 7: Interest on Working Capital

Interest on Working Capital - Distribution Business

B. ARR for FY 2021-22

Sl. No	Particulars	Norm	FY 2021-22
	Computation of Working Capital		
1	O&M expenses		60.79
2	Maintenance Spares		61.42
3	Receivables		586.28
4	Working Capital requirement		708.49
	Less:		
5	Amount held as security deposit from Distribution System Users		938.20
6	Total Working Capital		(229.71)
	Computation of working capital interest		
7	Interest Rate (%)		10.25%
8	Interest on Working Capital		-

Interest on Working Capital - Distribution Wire Business

B. ARR for FY 2021-22

Sl. No	Particulars	Norm	FY 2021-22
	Computation of Working Capital		
1	O&M expenses		6.08
2	Maintenance Spares		6.14
3	Receivables		58.63
4	Working Capital requirement		70.85
	Less:		
5	Amount held as security deposit from Distribution System Users		93.82
6	Total Working Capital		(22.97)
	Computation of working capital interest		
7	Interest Rate (%)		10.25%
8	Interest on Working Capital		-

Interest on Working Capital - Retail Supply Business

B. ARR for FY 2021-22

Sl. No	Particulars	Norm	FY 2021-22
	Computation of Working Capital		
1	O&M expenses		54.71
2	Maintenance Spares		55.28
3	Receivables		527.65
4	Working Capital requirement		637.64
	Less:		
5	Amount held as security deposit		844.38
6	Total Working Capital		(206.74)
	Computation of working capital interest		
7	Interest Rate (%)		10.25%
8	Interest on Working Capital		-

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 8: Return on Regulatory Equity - Distribution Wire & Retail Supply Business

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	Legend	FY 2021-22
			Projected
1	Regulatory Equity at the beginning of the year	A	1,176.59
2	Capitalisation during the year	B	348.95
3	Equity portion of capitalisation during the year	C	70.21
4	Reduction in Equity Capital on account of retirement / replacement of assets	D	
5	Regulatory Equity at the end of the year	E=A+C-D	1,246.80
	Return on Equity Computation		
6	Return on Regulatory Equity at the beginning of the year	F	
7	Return on Regulatory Equity addition during the year	G=(C-D)/2	
8	Total Return on Equity		169.64

Distribution Wires Business

(Rs. Crore)

Sr. No.	Particulars	Legend	Fy 2021-22
			Projected
1	Regulatory Equity at the beginning of the year	A	1,058.93
2	Capitalisation during the year	B	314.06
3	Equity portion of capitalisation during the year	C	63.19
4	Reduction in Equity Capital on account of retirement / replacement of assets	D	-
5	Regulatory Equity at the end of the year	E=A+C-D	1,122.12
	Return on Equity Computation		
6	Return on Regulatory Equity at the beginning of the year	F	-
7	Return on Regulatory Equity addition during the year	G=(C-D)/2	-
8	Total Return on Equity		152.67

Distribution Retail Supply Business

(Rs. Crore)

Sr. No.	Particulars	Legend	FY 2021-22
			Projected
1	Regulatory Equity at the beginning of the year	A	117.66
2	Capitalisation during the year	B	34.90
3	Equity portion of capitalisation during the year	C	7.02
4	Reduction in Equity Capital on account of retirement / replacement of assets	D	-
5	Regulatory Equity at the end of the year	E=A+C-D	124.68
	Return on Equity Computation		
6	Return on Regulatory Equity at the beginning of the year	F	-
7	Return on Regulatory Equity addition during the year	G=(C-D)/2	-
8	Total Return on Equity		16.96

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 9: Non-tariff Income

Distribution Business

(Rs. Crore)

Sr. No.	Particulars		Remarks
		FY 2021-22	
		Projected	
	Interest on staff loans and advances		
	Interest from others		
	Income from sale of scrap		
	Gain on sale of fixed assets (net)		
	Income from Staff Welfare Activities		
	Grant for energy conservation		
	Capital grants (Deferred amount 10% W.Back)		
	Cons. contribution (Deferred amount 10% W.Back)		
	Provisions no longer required		
	Grant for Miscellaneous Exp under SKY Scheme		
	Delay Payment Charges		
	Penalties received from Suppliers		
	Sale of material to related parties		
	Rents of land or buildings		
	Income from investments		
	Interest from supervision charges on job work/deposits		
	Rental from staff quarters		
	Revenue subsidies and grants		
	Income from hire charges from contractors and others		
	Income from advertisements		
	Miscellaneous receipts		
	Prior Period Income		
	Other (Pls. specify)		
	...		
	Total	145.68	

Distribution Wires Business

(Rs. Crore)

Sr. No.	Particulars			Remarks
		FY 2021-22		
			Projected	
	Interest on staff loans and advances			
	Interest from others			
	Income from sale of scrap			
	Gain on sale of fixed assets (net)			
	Income from Staff Welfare Activities			
	Grant for energy conservation			
	Capital grants (Deferred amount 10% W.Back)			
	Cons. contribution (Deferred amount 10% W.Back)			
	Provisions no longer required			
	Miscellaneous receipts			
	Delay Payment Charges			
	Penalties received from Suppliers			
	Recovery of Reactive charges			
	Rents of land or buildings			
	Income from investments			
	Interest on advances to suppliers/contractors			
	Rental from staff quarters			
	Rental from contractors			
	Income from hire charges from contractors and others			
	Income from advertisements			
	Miscellaneous receipts			
	Prior Period Income			
	Other (Pls. specify)			
	...			
	Total		14.57	

Distribution Retail Supply Business

(Rs. Crore)

Sr. No.	Particulars			Remarks
		FY 2021-22		
			Projected	
1	Interest on staff loans and advances			
2	Interest from others			
	Income from sale of scrap			
	Gain on sale of fixed assets (net)			
	Income from Staff Welfare Activities			
	Grant for energy conservation			
	Capital grants (Deferred amount 10% W.Back)			
	Cons. contribution (Deferred amount 10% W.Back)			
	Provisions no longer required			
	Miscellaneous receipts			
	Delay Payment Charges			
	Penalties received from Suppliers			
	Recovery of Reactive charges			
	Rents of land or buildings			
	Income from investments			
	Interest on advances to suppliers/contractors			
	Rental from staff quarters			
3	Rental from contractors			
4	Income from hire charges from contractors and others			
5	Income from advertisements			
6	Miscellaneous receipts			
7	Prior Period Income			
8	Other (Pls. specify)			
9	...			
	Total		131.11	

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

All Categories			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	10,786
2	Units Sold during Peak hours (ToU)		-
3	Connected Load	MW	8,431
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		3,452,053
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	260
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	947.22
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	947.22
4	Energy Charge	Rs. In Cr.	3,874.45
5	Time of Use Charge	Rs. In Cr.	-
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	3,874.45
8	Fuel Cost Adjustment	Rs. In Cr.	1,930.64
9	Total Charge	Rs. In Cr.	6,752.31
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	6,752.31
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	87.82
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	87.82
4	Energy Charge	Paise per unit	359.22
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	359.22
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	626.04
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	626.04

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARRA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

	Residential		TOTAL / AVERAGE
			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	3,000
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	3,195
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		2,816,343
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	88.76
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	55.93
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	55.93
4	Energy Charge	Rs. In Cr.	1,124.81
5	Time of Use Charge	Rs. In Cr.	-
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	1,124.81
8	Fuel Cost Adjustment	Rs. In Cr.	536.93
9	Total Charge	Rs. In Cr.	1,717.68
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	1,717.68
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	18.65
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	18.65
4	Energy Charge	Paise per unit	374.98
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	374.98
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	572.63
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	572.63

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

	GLP		TOTAL / AVERAGE
			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	143
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	120
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		35,567
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	334.21
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	2.99
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	2.99
4	Energy Charge	Rs. In Cr.	55.63
5	Time of Use Charge	Rs. In Cr.	-
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	55.63
8	Fuel Cost Adjustment	Rs. In Cr.	25.53
9	Total Charge	Rs. In Cr.	84.15
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	84.15
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	20.94
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	20.94
4	Energy Charge	Paise per unit	390.00
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	390.00
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	589.94
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	589.94

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

	Non-RGP and LTMD		TOTAL / AVERAGE
			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	1,765
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	1,804
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		368,729
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	398.98
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	169.96
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	169.96
4	Energy Charge	Rs. In Cr.	797.04
5	Time of Use Charge	Rs. In Cr.	-
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	797.04
8	Fuel Cost Adjustment	Rs. In Cr.	316.00
9	Total Charge	Rs. In Cr.	1,283.00
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	1,283.00
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	96.27
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	96.27
4	Energy Charge	Paise per unit	451.48
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	451.48
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	726.76
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	726.76

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

	Public Water Works		TOTAL / AVERAGE
			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	381
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	196
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		28,012
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	1,132.22
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	1.13
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	1.13
4	Energy Charge	Rs. In Cr.	125.30
5	Time of Use Charge	Rs. In Cr.	-
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	125.30
8	Fuel Cost Adjustment	Rs. In Cr.	68.13
9	Total Charge	Rs. In Cr.	194.56
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	194.56
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	2.97
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	2.97
4	Energy Charge	Paise per unit	329.23
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	329.23
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	511.19
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	511.19

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

	Agriculture		TOTAL / AVERAGE
			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	1,344
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	1,305
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		200,875
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	557.46
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	101.82
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	101.82
4	Energy Charge	Rs. In Cr.	52.49
5	Time of Use Charge	Rs. In Cr.	-
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	52.49
8	Fuel Cost Adjustment	Rs. In Cr.	240.53
9	Total Charge	Rs. In Cr.	394.84
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	394.84
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	75.77
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	75.77
4	Energy Charge	Paise per unit	39.06
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	39.06
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	293.83
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	293.83

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy

Ensuing Year (FY 2021-22) at existing Tariff

	Industrial HT		TOTAL / AVERAGE
			Ensuing Year (FY 2021-22)
A	Physical Data		
1	Units Sold	MU's	4,153.67
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	1,811.33
4	Contract Demand	kW/kVA	
5	Actual Recorded Demand	kW/kVA	
6	Normal Billed Demand	kW/kVA	
7	Excess Billed Demand	kW/kVA	
8	Total Billed Demand	kW/kVA	
9	Number of Single Phase Consumers		
10	Number of Three Phase Consumers		
11	Total Number of Consumers		2,526.93
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	136,979.97
14	Connected Load per Consumer	HP/kW	
15	Normal Billed Demand per Consumer	kW/kVA	
16	Excess Billed Demand per Consumer	kW/kVA	
17	Total Billed Demand per Consumer	kW/kVA	
B	Sales Revenue		
1	Fixed Charge / Demand Charge	Rs. In Cr.	615.40
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	615.40
4	Energy Charge	Rs. In Cr.	1,719.18
5	Time of Use Charge	Rs. In Cr.	
6	Power Factor Adjustment / Reactive Energy Charges	Rs. In Cr.	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Cr.	1,719.18
8	Fuel Cost Adjustment	Rs. In Cr.	743.51
9	Total Charge	Rs. In Cr.	3,078.08
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	3,078.08
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	148.16
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	148.16
4	Energy Charge	Paise per unit	413.89
5	Time of Use Charge	Paise per unit	-
6	Power Factor Adjustment	Paise per unit	-
7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	413.89
8	Fuel Cost Adjustment	Paise per unit	179.00
9	Total Charge	Paise per unit	741.05
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	741.05

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22- Distribution & Retail Supply
Form 11: Expected Revenue at Existing Tariff

Ensuing Year (FY 2021-22)

Category	No. of consumers	Components of tariff				Relevant sales & load/demand data for revenue calculation			Full year revenue (Rs. Crore)					Average Billing Rate (Rs/kWh)	Ratio of Average Billing Rate to Average Cost of Supply @ Rs/kWh (%)	
		Fixed Charges (specify part name and unit)	Demand Charges (specify part name and unit)	Energy Charges (specify part name and unit)	Fuel surcharge per unit, if any	sanctioned Load in MW	Contract Demand in MW/MVA	Sales in MU	Revenue from Fixed Charges	Revenue from Demand Charges	Revenue from Energy Charges	Revenue from fuel surcharge	Net Revenue from ToU charges, Night Discount and Reactive enrgy charge			Total
Low Tension	3,449,526					6,619		6,632	331.82	4.11	2,155.27			-	2,491.20	3.76
RGP	2,816,343					3,195		3,000	55.93		1,124.81	536.93			1,717.68	5.73
Urban	1,103,407					1,937		1,862	26.54		757.20	333.25			1,117.00	6.00
Energy Charges	0											0				
Zero	314807					1074		0	6		0				6	0.00
1-50 kWh	253343			3.05 Rs/Con/Month		232		73	5		22				27	3.77
51-100 kWh	320408			3.50 Rs/Con/Month		241		271	7		86				93	3.42
Above 250 kWh	69423			5.20 Rs/Con/Month		98		791	1		382				383	4.85
Fixed Charges																
Upto & Including 2KW	923197	15.00 Rs/Con/Month				885		0	17		0				17	
Above 2 to 4 KW	83028	25.00 Rs/Con/Month				275		0	2		0				2	
Above 4 to 6 KW	24369	45.00 Rs/Con/Month				136		0	1		0				1	
Above 6 KW	72812	70.00 Rs/Con/Month				640		0	6		0				6	
BPL - Urban						9		13	0.09		3.78	2.31			6.18	4.79
Energy Charges	0															
Zero	3607	5.00 Rs/Con/Month				5		0	0		0				0	0.00
1-50 kWh	4613	5.00 Rs/Con/Month		1.50 Rs/Con/Month		3		2	0		0				0	1.64
51-100 kWh	3520	5.00 Rs/Con/Month		3.50 Rs/Con/Month		1		4	0		1				1	2.47
101-250 kWh	2493	5.00 Rs/Con/Month		4.15 Rs/Con/Month		0		5	0		2				2	3.26
Above 250 kWh	131	5.00 Rs/Con/Month		5.20 Rs/Con/Month		0		2	0		1				1	4.81
Fixed Charges																
Upto & Including 2KW	0					0		0	0		0				0	
Above 2 to 4 KW	0					0		0	0		0				0	
Above 4 to 6 KW	0					0		0	0		0				0	
Above 6 KW	0					0		0	0		0				0	
Rural						1,141		1,023	28.09		339.58	183.05			550.73	5.39
Energy Charges	0															
Zero	857799					663		0	14		0				14	0.00
1-50 kWh	122665			2.65 Rs/Con/Month		318		21	2		6				7	3.59
51-100 kWh	421686			3.10 Rs/Con/Month		94		293	7		79				86	2.94
101-250 kWh	350920			3.75 Rs/Con/Month		49		427	6		123				129	3.02
Above 250 kWh	15081			4.90 Rs/Con/Month		16		282	0		131				132	4.67
Fixed Charges																
Upto & Including 2KW	1455963	15.00 Rs/Con/Month				942		0	26		0				26	
Above 2 to 4 KW	25393	25.00 Rs/Con/Month				83		0	1		0				1	
Above 4 to 6 KW	4362	45.00 Rs/Con/Month				24		0	0		0				0	
Above 6 KW	10539	70.00 Rs/Con/Month				92		0	1		0				1	
BPL - Rural						109		102	1.21		24.25	18.32			43.78	4.28
Energy Charges	0															
Zero	84514					63		0	1		0				1	0.00
1-50 kWh	75639			1.50 Rs/Con/Month		41		35	0		5				6	1.63
51-100 kWh	28712			3.10 Rs/Con/Month		4		31	0		7				7	2.27
101-250 kWh	12156			3.75 Rs/Con/Month		1		24	0		7				7	2.91
Above 250 kWh	1296			4.90 Rs/Con/Month		0		12	0		5				5	4.33

Fixed Charges															0
Upto & Including 2KW	0					0	0	0	0	0	0	0	0	0	0
Above 2 to 4 KW	0					0	0	0	0	0	0	0	0	0	0
Above 4 to 6 KW	0					0	0	0	0	0	0	0	0	0	0
Above 6 KW	0					0	0	0	0	0	0	0	0	0	0
GLP	35,567	70.00		3.90		120	143	2.99		55.63	25.53		84.15	5.90	
Non-RGP & LTMD	368,729					1,804	1,765	169.96		797.04	316.00		1,283.00	7.27	
Non RGP	358,069					1,178	900	80.59		403.59	161.17		645.35	7.17	
Consumer other than seasonal consumer	358,028					1,177	900	80.46		403.59	161.08		645.14	7.17	
First 10 kW of connected load	335080	50.00 Rs/Con/Month		4.35 Rs/Con/Month		713	496	43		216			258	5.21	
For next 30 kW of connected load	22948	85.00 Rs/Con/Month		4.65 Rs/Con/Month		464	404	38		188			226	5.58	
Seasonal Consumer						1	0	0.13		-	0.08		0.21		
First 10 kW of connected load	20	1800.00 Rs/Con/Month		4.35 Rs/Con/Month		0	0	0		0			0		
For next 30 kW of connected load	21	1800.00 Rs/Con/Month		4.65 Rs/Con/Month		1	0	0		0			0		
Non RGP Night	-					-	-	-		-	-		-		
First 10 kW of connected load	0	25.00 Rs/Con/Month		2.60 Rs/Con/Month		0	0	0		0			0		
For next 30 kW of connected load	0	42.50 Rs/Con/Month		2.60 Rs/Con/Month		0	0	0		0			0		
LTMD	10,660					627	865	89.37	4.11	393.45	154.83		641.76	7.42	
Consumer other than seasonal consumer	10,559					618	855	86.76	4.11	393.45	153.10		637.43	7.45	
For first 40 kW of billing demand	3230	90.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		90	79	10	0.38	36			46	5.88	
Next 20 kW of billing demand	3323	130.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		176	182	21	0.87	84			106	5.80	
Above 60 kW of billing demand	4006	195.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		353	594	56	2.85	273			332	5.59	
For billing demand in excess of the contract demand	0	265.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		0	0	0		0			0		
Seasonal Consumer	101					9	10	2.60		-	1.73		4.33	4.49	
For first 40 kW of billing demand	2	2970.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		0	0	0		0			0	13.91	
Next 20 kW of billing demand	19	2970.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		1	1	0		0			0	3.16	
Above 60 kW of billing demand	80	2970.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		8	9	2		0			2	2.62	
For billing demand in excess of the contract demand	0	2970.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		0	0	0		0			0	0.00	
LTMD Night	-					-	-	-		-	-		-	-	
For first 40 kW of billing demand	0	45.00 Rs/Con/Month	0.10 Rs/kW/Month	2.60 Rs/Con/Month		0	0	0		0			0	0.00	
Next 20 kW of billing demand	0	65.00 Rs/Con/Month	0.10 Rs/kW/Month	2.60 Rs/Con/Month		0	0	0		0			0	0.00	
Above 60 kW of billing demand	0	97.50 Rs/Con/Month	0.10 Rs/kW/Month	2.60 Rs/Con/Month		0	0	0		0			0	0.00	
For billing demand in excess of the contract demand	0	132.50 Rs/Con/Month	0.10 Rs/kW/Month	2.60 Rs/Con/Month		0	0	0		0			0	0.00	

Public Water Works	28,012				196	381	1.13		125.30	68.13		194.56	5.11
Type II (Local Authority out side Gram Panchayat ar	0	20.00 Rs/Con/Month	4.10 Rs/Con/Month		0	0	0		0			0	0.00
Type III (Local Authority in Gram Panchayat area)	24585	0.00 Rs/Con/Month	3.20 Rs/Con/Month		168	347	0		111			111	3.20
Agriculture	200,875				1,305	1,344	101.82		52.49	240.53		394.84	2.94
HP Based Tariff-Unmetered	25818	200.00 Rs/Con/Month	0.00 Rs/Con/Month		207	474	66		0			66	1.40
Metered Tariff	173046	20.00 Rs/Con/Month	0.60 Rs/Con/Month		1081	855	35		51			86	1.01
Tatkal Scheme	2011	20.00 Rs/Con/Month	0.80 Rs/Con/Month		17	15	1		1			2	1.17
LT Electric Vehicle	-	25.00	4.10		-	-	-		-	-		-	-
													0.00
													0.00
HIGH TENSION	2,527				1,811	4,154	615.40		1,719.18	743.51		3,078.08	7.41
												0	0.00
Industrial HT	2,527				1,811	4,154	615.40		1,719.18	743.51	81.46	3,159.54	7.61
HTP - I	2,242				1,630	3,768	580.17		1,592.98	674.39	78.57	2,926.12	7.77
Upto 500 kVA of Billing Demand	1643	150.00 Rs/Con/Month	4.00 Rs/Con/Month		456	409	82		164	1.07		247	6.03
For next 500 kVA of Billing Demand	286	260.00 Rs/Con/Month	4.20 Rs/Con/Month		195	476	42		200	10.99		253	5.31
For billing demand in excess of 1000 kVA and less th	212	475.00 Rs/Con/Month	4.20 Rs/Con/Month		307	1004	107		422	23.17		552	5.49
For billing demand >2500 kVA	103	475.00 Rs/Con/Month	4.30 Rs/Con/Month		671	1878	350		808	43.34		1200	6.39
Billing Demand in Excess of contract demand	0	555.00 Rs/Con/Month	4.30 Rs/Con/Month		0	0	0		0	-		0	0.00
Seasonal	47				9	12	4.07		-	2.18	-	6.25	5.13
Upto 500 kVA of Billing Demand	45	4550.00 Rs/Con/Month	4.00 Rs/Con/Month		8	10	4		0	-		4	3.73
For next 500 kVA of Billing Demand	2	4550.00 Rs/Con/Month	4.20 Rs/Con/Month		1	2	0		0	-		0	1.69
For billing demand in excess of 1000 kVA and less th	0	4550.00 Rs/Con/Month	4.20 Rs/Con/Month		0	0	0		0	-		0	0.00
For billing demand >2500 kVA	0	4550.00 Rs/Con/Month	4.30 Rs/Con/Month		0	0	0		0	-		0	0.00
Billing Demand in Excess of contract demand	0	4550.00 Rs/Con/Month	4.30 Rs/Con/Month		0	0	0		0	-		0	0.00
HTP - II	198				88	188	16.73		84.09	33.59	2.84	137.25	7.31
Upto 500 kVA of Billing Demand	150	115.00 Rs/Con/Month	4.35 Rs/Con/Month		37	76	5		33	0.46		39	5.09
For next 500 kVA of Billing Demand	34	225.00 Rs/Con/Month	4.55 Rs/Con/Month		23	50	4		23	1.06		28	5.56
For billing demand in excess of 1000 kVA and less th	11	290.00 Rs/Con/Month	4.55 Rs/Con/Month		14	40	3		18	0.85		22	5.57
For billing demand >2500 kVA	3	290.00 Rs/Con/Month	4.65 Rs/Con/Month		14	22	4		10	0.47		15	6.85
Billing Demand in Excess of contract demand	0	360.00 Rs/Con/Month	4.65 Rs/Con/Month		0	0	0		0	-		0	0.00
HTP - III	7				2	1	1.15		0.98	0.27	0.05	2.45	16.43
For billing demand upto contract demand	7	18.00 Rs/Con/Month	6.60 Rs/Con/Month		2	1	1		1		0.05	2	14.64
For billing demand in excess of contract demand	0	20.00 Rs/Con/Month	6.60 Rs/Con/Month		0	0	0		0	-		0	0.00
HTP - IV	19				79	182	13.16		40.88	32.52	-	86.56	4.76
Upto 500 kVA of Billing Demand	1	50.00 Rs/Con/Month	2.25 Rs/Con/Month		0	0	0		0	-		0	2.75
For next 500 kVA of Billing Demand	1	86.67 Rs/Con/Month	2.25 Rs/Con/Month		0	0	0		0	-		0	10.75
For billing demand in excess of 1000 kVA and less th	4	158.33 Rs/Con/Month	2.25 Rs/Con/Month		8	8	1		2	-		3	3.48
For billing demand >2500 kVA	12	158.33 Rs/Con/Month	2.25 Rs/Con/Month		71	174	12		39	-		51	2.95
Billing Demand in Excess of contract demand	0	185.00 Rs/Con/Month	2.25 Rs/Con/Month		0	0	0		0	-		0	0.00
HTP V	13	25.00	0.80		4	3	0.11		0.25	0.55	-	0.91	2.94
												0	
Railway Traction	-				-	-	-		-	-	-	-	-
For billing demand upto the contract demand	0	180.00 Rs/Con/Month	5.00 Rs/Con/Month		0	0	0		0	-		0	0.00
For billing demand in excess of contract demand	0	425.00 Rs/Con/Month	5.00 Rs/Con/Month		0	0	0		0	-		0	0.00
													0.00
HT Electric Vehicle	-				-	-	-		-	-	-	-	-
For billing demand upto the contract demand	0	25.00 Rs/Con/Month	4.00 Rs/Con/Month		0	0	0		0	-		0	0.00
For billing demand in excess of contract demand	0	50.00 Rs/Con/Month	4.00 Rs/Con/Month		0	0	0		0	-		0	0.00
LT and HT Total	3,452,053				8,431	10,786	947.22	4.11	3,874.45	1,930.64	81.46	6,837.87	6.34

MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA
ARR Petition Formats for FY 2021-22- Distribution & Retail Supply
Form 14: Cross Subsidy Trajectory

Ensuing Year (FY 2021-22)
Discom - MGCVCL

Category	Projected Average Cost of Supply (Rs/kWh)	Average Billing Rate (Rs/kWh)		Ratio of Average Billing Rate to Projected Average Cost of Supply (%)		% increase / decrease in Cross-subsidy	% increase in tariff (%)
		Existing Tariff	Proposed Tariff	Existing Tariff	Proposed Tariff		
RGP	6.62	5.73	5.73	86.51%	86.51%	No tariff hike/change proposed	
GLP	6.62	5.90	5.90	89.13%	89.13%		
Non-RGP & LTMD	6.62	7.27	7.27	109.80%	109.80%		
Public Water Works	6.62	5.11	5.11	77.23%	77.23%		
Agriculture	6.62	2.94	2.94	44.39%	44.39%		
LT Electric Vehicle	6.62	-	-	0.00%	0.00%		
Industrial HT	6.62	7.61	7.61	114.92%	114.92%		
Railway Traction	6.62	-	-	0.00%	0.00%		
HT Electric Vehicle	6.62	-	-	0.00%	0.00%		
Total	6.62	6.34	6.34	95.78%	95.78%		