

MADHYA GUJARAT VIJ COMPANY LIMITED

Vadodara

True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

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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

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form Summary: Aggregate Revenue Requirement - Summary Sheet

Distribution Business

(Rs. Crore) (Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			FY 2022-23
			Tariff Order	April - March (Audited)	Claimed in the petition	
						Projected
1	Power Purchase Expenses	Form 2	5,723.61		5,237.60	6,317.33
2	Operation & Maintenance Expenses	Form 3	682.86		625.64	820.11
3	Depreciation	Form 5	270.64		270.72	300.26
4	Interest & Finance Charges	Form 6	63.38		45.87	45.74
5	Interest on Working Capital	Form 7	-		-	-
6	Bad Debts written off		0.00		0.01	0.01
7	Contribution to contingency reserves		-		-	-
8	Total Revenue Expenditure		6,740.49		6,179.84	7,483.44
9	Return on Equity Capital	Form 8	158.12		160.04	177.15
10	Income Tax		12.11		19.58	19.58
11	Aggregate Revenue Requirement		6,910.73		6,359.45	7,680.17
12	Less: Non Tariff Income	Form 9	130.28		(62.24)	139.39
13	Less: Income from Other Business					
14	Aggregate Revenue Requirement of Wires Business		6,780.45		6,421.69	7,540.77

Distribution Wires Business

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			FY 2022-23
			Tariff Order	April - March (Audited)	Claimed in the petition	
						Projected
1	Operation & Maintenance Expenses	Form 3	428.76		327.04	524.52
2	Depreciation	Form 5	243.58		243.65	270.24
3	Interest & Finance Charges	Form 6	57.04		41.29	41.16
4	Interest on Working Capital	Form 7	-		-	-
5	Contribution to contingency reserves					
6	Total Revenue Expenditure		729.38		611.97	835.92
7	Return on Equity Capital	Form 8	142.31		144.03	159.43
8	Income Tax		10.90		17.62	17.62
9	Aggregate Revenue Requirement		882.59		773.63	1,012.97
10	Less: Non Tariff Income	Form 9	13.03		(6.22)	13.94
11	Less: Income from Other Business					
12	Aggregate Revenue Requirement of Wires Business		869.56		779.85	999.03

Distribution Retail Supply Business

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			FY 2022-23
			Tariff Order	April - March (Audited)	Claimed in the petition	
						Projected
1	Power Purchase Expenses	Form 2	5,723.61		5,237.60	6,317.33
2	Operation & Maintenance Expenses	Form 3	254.10		298.60	295.59
3	Depreciation	Form 5	27.06		27.07	30.03
4	Interest & Finance Charges	Form 6	6.34		4.59	4.57
5	Interest on Working Capital	Form 7	-		-	-
6	Bad debts written off		0.00		0.01	0.01
7	Contribution to contingency reserves					
8	Total Revenue Expenditure		6,011.11		5,567.86	6,647.52
9	Return on Equity Capital	Form 8	15.81		16.00	17.71
10	Income Tax		1.21		1.96	1.96
11	Aggregate Revenue Requirement		6,028.14		5,585.82	6,667.19
12						
13	Less: Non Tariff Income	Form 9	117.25		(56.02)	125.45
14	Less: Income from Other Business					
15	Aggregate Revenue Requirement of Retail Supply		5,910.88		5,641.84	6,541.74

Note

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

MADHYA GUJARAT VIJ COMPANY LIMITED
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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 1: Customer Sales Forecast

Ensuing Years (FY 2022-23)

Consumer Category & Consumption Slab	FY 2022-23
LT	7,146.86
RGP	3,392.71
Urban	2,105.72
	-
	82.08
	306.82
	822.42
	894.41
BPL - Urban	14.59
	-
	2.20
	4.41
	6.06
	1.92
Rural	1,156.66
	-
	23.51
	331.04
	483.25
	318.85
BPL - Rural	115.74
	-
	39.68
	35.26
	27.61
	13.18
GLP	94.64
Non-RGP & LTMD	1,698.16
Non RGP	866.10
Consumer other than seasonal consumer	
	476.95
	388.70
Seasonal Consumer	
	0.07
	0.38
Non RGP Night	
	-
	-
LTMD	832.05
Consumer other than seasonal consumer	
	75.81
	175.18
	571.77
	-
Seasonal Consumer	
	0.02
	0.92
	8.34
	-
LTMD Night	
	-
	-
	-
	-
Public Water Works	471.93
LTP-Lift Irrigation	0.74
WWSP	
	41.20
	-
	430.00
Agriculture	1,489.42
	468.70
	1,003.49
	17.23
LT Electric Vehicle	-

HT & EHT Category		
Industrial HT		4,322.59
HTP - I		
	Upto 500 kVA of Billing Demand	425.38
	For next 500 kVA of Billing Demand	495.67
	For billing demand in excess of 1000 kVA and less than 2500 kVA	1,045.21
	For billing demand >2500 kVA	1,954.51
	Billing Demand in Excess of contract demand	-
Seasonal		
	Upto 500 kVA of Billing Demand	10.27
	For next 500 kVA of Billing Demand	2.41
	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	78.89
	For next 500 kVA of Billing Demand	51.95
	For billing demand in excess of 1000 kVA and less than 2500 kVA	41.37
	For billing demand >2500 kVA	23.07
	Billing Demand in Excess of contract demand	-
HTP - III		
	For billing demand upto contract demand	1.55
	For billing demand in excess of contract demand	-
HTP - IV		
	Upto 500 kVA of Billing Demand	0.24
	For next 500 kVA of Billing Demand	0.02
	For billing demand in excess of 1000 kVA and less than 2500 kVA	8.16
	For billing demand >2500 kVA	180.66
	Billing Demand in Excess of contract demand	-
HTP V		3.21
Railway Traction		
	For billing demand upto the contract demand	
	For billing demand in excess of contract demand	
Total		11,469.44

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	FY 2020-21	5 Year CAGR
HT & EHT Category								
Industrial HT	3,161	3,250	3,046	3,703	4,094	3,767	3,734	2.81%
Railway Traction	391	291	39	-	-	-	-	-100.00%
Low Voltage Category								
RGP	2,130	2,287	2,331	2,475	2,609	2,720	2,930	5.08%
GLP	112	120	124	123	124	135	87	-6.23%
Non-RGP & LTMD	1,250	1,326	1,390	1,465	1,543	1,604	1,471	
Public Water Works	199	220	235	286	302	314	354	10.00%
Agriculture-Unmetered	473	472	471	475	475	474	469	-0.12%
Agriculture-Metered	579	710	695	753	857	739	911	5.12%
Total	8,295	8,675	8,330	9,281	10,004	9,754	9,956	2.79%

MADHYA GUJARAT VIJ COMPANY LIMITED

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 2: Power Purchase Expenses

True-Up Year (FY 2020-21)

Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	GUVNL share (MW)	Energy Received (MU)	Total Annual Fixed charges (Rs Crore)	Variable Cost per unit (Rs/kWh)	Total Variable Charges (Rs Crore)	Total Cost of Energy purchased (Rs Crore)
	a	b	c	d	e	f	g	h
GSECL								
GSECL Gandhinagar - 5			210	649	64.10	3.70	240	304
GSECL Wanakbori - 7			210	519	55.80	3.83	199	254
GSECL Utran Expan			375	1,724	220.56	2.84	489	710
GSECL Dhuvaran - 7			107	325	63.71	2.64	86	149
GSECL Dhuvaran - 8			112	325	85.45	2.91	94	180
GSECL Ukai			610	1,895	305.48	3.62	685	991
GSECL Ukai Expan			500	2,340	462.77	3.18	745	1,208
GSECL Gandhinagar 1-4			420	669	213.13	4.02	269	482
GSECL Wanakbori 1-6			1,260	2,224	548.48	3.90	867	1,415
GSECL Sikka Expansion			500	1,665	558.84	3.23	537	1,096
GSECL Kutch Lignite			215	417	89.83	2.88	120	210
GSECL Kutch Lignite Exp unit 4			75	267	53.54	2.68	71	125
GSECL Ukai Hydro			305	662	32.75	-	-	33
GSECL Kadana Hydro			242	319	56.47	-	-	56
GSECL Dhuvaran CCPP III			376	937	97.06	2.91	273	370
GSECL BLTPS			500	942	221.87	2.98	281	503
GSECL Wanakbori - 8			800	3,220	837.97	3.23	1,039	1,877
Sub Total			6,817	19,097	3,968	3.14	5,996	9,964
IPP's								
Gujarat State Energy Generation			156	383	50.11	3.00	115	165
Gujarat State Energy Generation Expansion			351	1,265	205.50	2.79	353	559
Gujarat Industries Power Co Ltd (165 MW)			-	18	-	3.54	6	6
Gujarat Industries Power Co Ltd (SLPP)			250	1,182	106.85	1.85	219	325
Gujarat Mineral Development Corp.			250	291	33.50	1.44	42	75
Gujarat Industries Power Co Ltd (145 MW)			42	96	4.34	2.21	21	26
Gujarat Industries Power Co Ltd (SLPP - Exp)			250	1,512	224.68	1.43	216	441
GPPC			702	2,677	318.83	2.79	747	1,066
Sub Total			2,001	7,424	944	2.32	1,719	2,663
Central Sector								
NPC-Tarapur 1 & 2			160	149	-	2.60	39	39
NPC-Tarapur 3 & 4			274	1,734	-	3.42	593	593
NPC-Kakrapar			125	943	-	2.31	218	218
NTPC-Vindhyachal - I			230	1,579	134.37	1.72	271	406
NTPC-Vindhyachal - II			239	1,702	120.73	1.62	276	396
NTPC-Vindhyachal - III			266	2,063	204.86	1.60	331	536
NTPC-Korba			360	2,698	181.39	1.48	400	582
NTPC-Korba -II			96	800	101.00	1.46	117	218
NTPC-Kawas			187	351	120.13	2.11	74	194
NTPC-Jhanor			237	345	191.20	2.28	79	270
NTPC-Sipat-I			540	4,073	521.63	1.46	593	1,115
NTPC-Sipat - II			273	1,962	238.87	1.50	295	534
NTPC-Kahlagaon			141	730	88.37	2.19	159	248
NTPC-Vindhyachal - IV			240	1,670	268.45	1.58	263	532
NTPC-Mauda			240	961	329.32	2.77	267	596
NTPC-Vindhyachal - V			94	685	112.60	1.63	112	224
NTPC-Mauda II			294	1,102	322.43	2.93	323	646
NTPC-Others			-	-	(110.64)	-	0	(111)
NTPC-Gadarwara			152	811	230.55	2.54	206	437
NTPC-LARA			78	564	132.72	2.13	120	253
NTPC-Khargone			246	982	315.15	2.77	272	588
NTPC-Farakka - 3			25	19	2.63	2.59	5	8
NTPC-Kahalgaon 1			141	2	0.25	2.12	1	1
NTPC-Farakka - 1			244	6	0.44	2.64	2	2
NTPC-Talcher			24	2	0.47	1.91	0	1
NTPC-Darlipalli			14	2	0.64	1.12	0	1
NTPC-Unchahar - 1			36	11	0.71	3.06	3	4
NTPC-Tanda - 2			44	5	0.67	2.58	1	2
Sardar Sarovar Nigam Ltd			232	507	-	2.05	104	104
Sub Total			5,231	26,458	3,509	1.94	5,125	8,634
Others								
Captive			6	44	-	2.14	9.45	9
Renewable								
Wind Farms			4,262	6,812	-	3.69	2,515.04	2,515
Solar			3,016	3,321	-	6.97	2,315.26	2,315
Biomass			30	93	-	4.19	38.81	39
Mini Hydel			22	53	-	5.86	30.90	31
Competitive Bidding								
Essar Power Gujarat Ltd			1,000	3,759	429.74	2.03	762	1,192
Adani Power Ltd - (Unit 1 - 4)			1,200	6,666	661.56	2.30	1,534	2,196
ACB India Ltd.			200	1,087	126.72	0.75	82	209
Coastal Gujarat Power Co Ltd			1,805	11,935	1,139.75	1.99	2,380	3,519
Indian Energy Exchange				6,153	-	3.57	2,198	2,198
Power Exchange India Ltd				13	-	2.99	4	4
Short term bilateral				550	-	2.75	151	151
Sub Total			11,541	40,486	2,358		12,021	14,379
PGCIL abd POSCO					1,947			1,947
GETCO					3,682			3,682
Power Purchase Cost Others					1,884		130	2,015
TOTAL			25,590	93,466	18,291	2.67	24,992	43,283

Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	GUVNL share (MW)	Energy Received (MU)	Total Annual Fixed charges (Rs Crore)	Variable Cost per unit (Rs/kWh)	Total Variable Charges (Rs Crore)	Total Cost of Energy purchased (Rs Crore)
	a	b	c	d	e	f	g	h
GSECL								
GSECL Gandhinagar - 5			210	117	64	3.70	43	107
GSECL Wanakbori - 7			210	117	56	3.83	45	100
GSECL Utran Expan			375	1,724	221	2.84	489	710
GSECL Dhuvaran - 7			107	325	64	2.64	86	149
GSECL Dhuvaran - 8			112	325	85	2.91	94	180
GSECL Ukai			610	340	305	3.62	123	429
GSECL Ukai Expan			500	288	463	3.18	92	555
GSECL Gandhinagar 3-4			420	233	213	4.02	94	307
GSECL Wanakbori 1-6			1,260	703	548	3.90	274	823
GSECL Sikka Expansion			500	279	559	3.23	90	649
GSECL Kutch Lignite			75	261	90	2.88	75	165
GSECL Kutch Lignite Exp unit 4			75	267	54	2.68	71	125
GSECL Ukai Hydro			305	662	33	-	-	33
GSECL Kadana Hydro			242	319	56	-	-	56
GSECL Dhuvaran CCPP III			376	716	97	2.91	209	306
GSECL BLTPS			500	273	222	2.98	81	303
GSECL Wanakbori - 8			800	465	838	3.23	150	988
Sub Total			6,677	7,414	3,968	2.72	2,017	5,984
IPP's								
Gujarat State Energy Generation			156	93	50	3.00	28	78
Gujarat State Energy Generation Expansion			351	1,265	205	2.79	353	559
Gujarat Industries Power Co Ltd (165 MW)			165	18	-	3.54	6	6
Gujarat Industries Power Co Ltd (SLPP)			250	1,182	107	1.85	219	325
Gujarat Mineral Development Corp.			250	291	33	1.44	42	75
Gujarat Industries Power Co Ltd (145 MW)			42	96	4	2.21	21	26
Gujarat Industries Power Co Ltd (SLPP - Exp)			250	1,512	225	1.43	216	441
GPPC Pipavav			702	2,677	319	2.79	747	1,066
Essar Power Gujarat Ltd			1,000	7,008	631	2.03	1,421	2,052
Adani Power Ltd - (Unit 1 - 4)			1,200	8,410	631	2.30	1,936	2,566
ACB India Ltd.			200	1,402	203	0.75	106	309
Coastal Gujarat Power Co Ltd			1,805	12,649	1,138	1.99	2,522	3,660
MTOA			1,000	613	-	3.68	226	226
Power Exchange			-	6,166	-	4.00	2,466	2,466
Short term Bilateral			-	2,000	-	4.00	800	800
Sub Total			7,371	45,382	3,547	2.45	11,109	14,656
Central Sector								
NPC-Tarapur 1 & 2			160	757	-	2.60	197	197
NPC-Tarapur 3 & 4			274	1,747	-	3.42	597	597
NPC-Kakrapar			125	856	-	2.31	198	198
NTPC-Vindhyachal - I			247	1,676	143	1.72	288	431
NTPC-Vindhyachal - II			252	1,746	122	1.62	283	405
NTPC-Vindhyachal - III			279	1,950	204	1.60	313	516
NTPC-Korba			380	2,630	180	1.48	390	571
NTPC-Korba -III			130	909	126	1.46	133	259
NTPC-Kawas			187	398	114	2.11	84	198
NTPC-Jhanor			237	505	182	2.28	115	297
NTPC-Sipat-I			577	4,024	525	1.46	586	1,111
NTPC-Sipat - II			286	1,994	247	1.50	299	546
NTPC-Kahlgaon I			192	1,301	147	2.19	284	431
NTPC-Vindhyachal - IV			258	1,804	282	1.58	284	567
NTPC-Mauda			461	2,271	604	2.77	630	1,234
NTPC-Vindhyachal - V			103	709	119	1.63	115	234
NTPC-Mauda II			530	305	550	2.93	89	639
NTPC-Gadarwara			333	2,328	483	2.54	592	1,076
NTPC-LARA			186	1,299	217	2.13	277	494
NTPC-Khargone			270	1,884	342	2.77	523	864
NTPC-Farakka - 3			58	405	69	2.59	105	174
NTPC-Kahlgaon II			146	1,019	111	2.12	216	327
NTPC-Farakka - 1 & 2			278	1,930	164	2.64	510	674
NTPC-Talcher			24	166	16	1.91	32	48
NTPC-Darlipalli			14	98	21	1.12	11	32
NTPC-Unchahar - 1			80	45	68	3.06	14	82
NTPC-Tanda - 2			44	309	50	2.58	80	129
NTPC Solapur			24	14	29	3.80	5	35
NTPC Ramagundam - 1 & 2			358	2,352	229	2.42	569	798
Sardar Sarovar Nigam Ltd			232	1,715	148	2.05	352	499
Sub Total			6,726	39,144	5,491	2.09	8,172	13,663
Others								
Captive Power			6	44	-	2.14	9	9
Renewable								
Wind Farms			4,262	7,214	-	3.64	2,628	2,628
Solar			3,016	6,140	-	4.96	3,048	3,048
Small/Mini Hydal			22	53	-	5.86	31	31
Biomass			30	93	-	4.19	39	39
Solar (New)			2,390	3,591	-	2.33	835	835
Wind (New)			-	-	-	-	-	-
Others (New)			67	471	-	6.64	313	313
Sub Total			9,793	17,606	-	3.92	6,903	6,903
Power Purchase from SSDSP				829	-	2.83	235	235
GETCO					4,444			4,444
PGCIL					3,075			3,075
GUVNL					438			438
SLDC					23			23
TOTAL			30,567	1,10,375	20,986	2.58	28,435	49,421

MADHYA GUJARAT VIJ COMPANY LIMITED

Vadodara

True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 3: Operations and Maintenance Expenses Summary

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			FY 2022-23
			Tariff Order	April-March (Audited)	Deviation	
			(a)	(b)	(c) = (b) - (a)	
1	O&M Expenses	Form 3.1	738.92	665.10	(73.82)	884.67
1.1	Employee Expenses	Form 3.2	581.19	499.47	(81.72)	644.75
1.2	R&M Expenses	Form 3.4	69.72	77.42	7.70	67.62
1.3	A&G Expenses	Form 3.5	88.01	88.21	0.20	98.80
1.4	RDSS Metering Opex					73.50
	Extraordinary Items					
	Net Prior Period Expenses/(Income)					
2	O&M Expense capitalised		(56.05)	(39.46)	16.59	(64.56)
3	Total Operation & Maintenance Expenses (net of capitalisation)		682.86	625.64	(90.41)	820.11

MADHYA GUJARAT VIJ COMPANY LIMITED
Vadodara
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 -
Distribution & Retail Supply
Form 3.1: Normative O&M Expenses for FY 2022-23

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	FY 2022-23	
		Normative\$	Projected\$\$
		1	Employee Expenses
2	A&G Expenses		98.80
3	R & M Expenses		67.62
4	RDSS Metering Opex		73.50
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
	Other Expenses Capitalised		(64.56)
5	Total O&M Expenses		820.11

Notes:

\$ Normative O&M expenses for FY 2022-23 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 2022-23	
		Normative\$	Projected\$\$
		1	Employee Expenses
2	A&G Expenses		49.40
3	R & M Expenses		60.86
4	RDSS Metering Opex		66.15
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
	Other Expenses Capitalised		(38.74)
5	Total O&M Expenses		524.52

B) Distribution Retail Supply Business

(Rs. Crore)

Sr. No.	Particulars	FY 2022-23	
		Normative\$	Projected\$\$
		1	Employee Expenses
2	A&G Expenses		49.40
3	R & M Expenses		6.76
4	RDSS Metering Opex		7.35
	Extraordinary Items		
	Net Prior Period Expenses/(Income)		
	Other Expenses Capitalised		(25.83)
5	Total O&M Expenses		295.59

MADHYA GUJARAT VIJ COMPANY LIMITED

Vadodara

True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 3.2: Employee Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Salary & Allowances			437.87
2	Impact of 7th Pay Commission (Actual Paid)			-
3	Dearness Allowance (DA)			
4	House Rent Allowance			
5	Conveyance Allowance			
6	Leave Travel Allowance			
7	Earned Leave Encashment			
8	Other Allowances			
9	Medical Reimbursement			
10	Overtime Payment			
11	Bonus/Ex-Gratia Payments			
12	Interim Relief / Wage Revision			
13	Staff welfare expenses			7.56
14	VRS Expenses/Retrenchment Compensation			
15	Commission to Directors			
16	Training Expenses			
17	Payment under Workmen's Compensation Act			
18	Net Employee Costs			
19	Terminal Benefits			25.76
19.1	Provident Fund Contribution & Other Funds			40.45
19.2	Provision for PF Fund			
19.3	Pension Payments			
19.4	Gratuity Payment			
20	Other Comprehensive Income			15.89
21	Gross Employee Expenses			527.52
22	Less: Provision for 7th pay Commission			28.05
23	Net Employee Expenses			499.47

MADHYA GUJARAT VIJ COMPANY LIMITED

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 3.3: Administration & General Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Rent Rates & Taxes			2.02
2	Insurance			0.33
3	Testing Charges			-
4	Telephone			-
5	Remuneration to collection agencies			-
6	Legal charges & Professional fee			1.40
7	Audit fee			0.12
8	Conveyance & Travel			29.98
9	Directors' Fees			0.01
10	Electricity charges			5.91
11	Water charges			-
12	Security arrangements			-
13	Consultancy charges			
14	Books & periodicals			
15	Computer Stationery			
16	Printing & Stationery			-
17	Advertisements			0.98
18	Purchase Related Advertisement Expenses			
19	Contribution/Donations			
20	GERC License Fee			2.40
21	Vehicle Running Expenses Truck / Delivery Van			
22	Vehicle Hiring Expenses Truck / Delivery Van			
23	Cost of services procured			
24	Outsourcing of metering and billing system			
25	Freight Expenses			-
26	V-sat, Internet and related charges			
27	Entertainment Expenses			
28	Other Miscellaneous debits			3.83
29	Miscellaneous Expenses			-
30	Miscellaneous Losses & Write-offs			3.41
31	Expenditure on training to staff			-
32	Others			36.88
33	Corporate Social Responsibility (CSR)			
34	Computer Expenses			-
35	Expenditure on Security Measures for Safety & Protection			
36	Net Gain / Loss on sale of Fixed Assets			0.46
37	Expenditure on Energy Conservation			0.49
38	Gross A&G Expenses			88.21
39	Less: Expenses Capitalised			
40	Net A&G Expenses			88.21

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 3.4: Repair and Maintenance Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)
		(Audited)
1	Plant & Machinery	17.59
2	Buildings	1.96
3	Civil Works	
4	Hydraulic Works	
5	Lines & Cable Networks	45.08
6	Vehicles	
7	Furniture & Fixtures	
8	Other purchase related expenses	
9	Others	12.78
10	Restoration of damage due to flood, cyclone etc.	
11	Gross R&M Expenses	77.42
12	Less: Expenses Capitalised	
13	Net R&M Expenses	77.42
14	Gross Fixed Assets at beginning of year	
15	R&M Expenses as % of GFA at beginning of year	

MADHYA GUJARAT VIJ COMPANY LIMITED

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 4: Summary of Capital Expenditure and Capitalisation

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2022-23 Projected
		Tariff Order	April-March (Audited)	Deviation	
		(a)	(b)	(c) = (b) - (a)	
1	Capital Expenditure	230.44	297.03	66.59	310.44
2	Capitalisation	230.44	302.43	71.99	310.44
3	IDC			-	
4	Capitalisation + IDC	230.44	302.43	71.99	310.44

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

A) Distribution Wires Business

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2022-23 Projected
		Tariff Order	April-March (Audited)	Deviation	
		(a)	(b)	(c) = (b) - (a)	
1	Capital Expenditure	207.40	267.33	59.93	279.40
2	Capitalisation	207.40	272.19	64.79	279.40
3	IDC				
4	Capitalisation + IDC	207.40	272.19	64.79	279.40

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

B) Retail Supply Business

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2022-23 Projected
		Tariff Order	April-March (Audited)	Deviation	
		(a)	(b)	(c) = (b) - (a)	
1	Capital Expenditure	20.74	26.73	5.99	31.04
2	Capitalisation	20.74	27.22	6.48	31.04
3	IDC				
4	Capitalisation + IDC	20.74	27.22	6.48	31.04

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

MADHYA GUJARAT VIJ COMPANY LIMITED

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 4.1: Capital Expenditure Plan

Project Details

		(Rs. Crore)
		CAPITAL
Project Number	Project Title	FY 2022-23
		Projected
A	Distribution Schemes	
	Normal Development Scheme	80.00
	Distribution Infra & Shifting Schemes(DISS)	20.00
	Electrification of hutments	2.25
	Kutir Jyoti Scheme	1.80
	Others Harijan Basti – Petapara	0.30
	System Improvement	9.00
	Total	113.35
B	Rural Electrification Schemes	
	TASP(Wells & Petapara)	65.00
	Special Component plan	1.35
	RE Wells(OA +SPA)	79.20
	Dark Zone	10.39
	Surya Shakti Kishan Yojana	-
	PM Kusum Comp-B	-
	PM Kusum Comp-C	-
	Total	155.94
C	Central Government Scheme - Plan	-
	PSDF	-
	Total	-
D	Other New Schemes	-
	Sagar Khedu	1.50
	Energy Conservation(HVDS)	4.50
	Vehicle	-
	Sardar Krushi Jyoti Yojna	6.98
	Misc Civil + Electrical Works	25.54
	Furniture	2.63
	Total	41.15
	Capital Expenditure Total	310.44

Financing Plan

Particulars	FY 2022-23
	Projected
Total Capitalization	310.44
Consumer Contribution	100.00
Grants	17.33
Balance CAPEX for the Year	193.11
Debt	135.18
Equity	57.93

MADHYA GUJARAT VIJ COMPANY LIMITED
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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - 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 2022-23	FY 2022-23				FY 2022-23
A	Distribution Schemes	Distribution Schemes			A	Distribution Schemes	Distribution Schemes	
		Normal Development Scheme	80.00	100%			Normal Development Scheme	80.00
		Distribution Infra & Shifting Schemes(DISS)	20.00	100%			Distribution Infra & Shifting Schemes(DISS)	20.00
		Electrification of hutments	2.25	100%			Electrification of hutments	2.25
		Kutir Jyoti Scheme	1.80	100%			Kutir Jyoti Scheme	1.80
		Others Harijan Basti – Petapara	0.30	100%			Others Harijan Basti – Petapara	0.30
		System Improvement	9.00	100%			System Improvement	9.00
		Total	113.35	100%			Total	113.35
B	Rural Electrification Schemes	Rural Electrification Schemes	-		B	Rural Electrification Schemes	Rural Electrification Schemes	
		TASP(Wells & Petapara)	65.00	100%			TASP(Wells & Petapara)	65.00
		Special Component plan	1.35	100%			Special Component plan	1.35
		RE Wells(OA +SPA)	79.20	100%			RE Wells(OA +SPA)	79.20
		Dark Zone	10.39	100%			Dark Zone	10.39
		Surya Shakti Kishan Yojana	-	100%			Surya Shakti Kishan Yojana	-
		PM Kusum Comp-B	-	100%			PM Kusum Comp-B	-
		PM Kusum Comp-C	-	100%			PM Kusum Comp-C	-
		Total	155.94	100%			Total	155.94
C	Central Government Scheme - Plan	Central Government Scheme - Plan	-		C	Central Government Scheme - Plan	Central Government Scheme - Plan	
		PSDF	-	100%			PSDF	-
		Total	-	100%			Total	-
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	-	100%			Vehicle	-
		Sardar Krushi Jyoti Yojna	6.98	100%			Sardar Krushi Jyoti Yojna	6.98
		Misc Civil + Electrical Works	25.54	100%			Misc Civil + Electrical Works	25.54
		Furniture	2.63	100%			Furniture	2.63
		Total	41.15	100%			Total	41.15
F	Capital Expenditure Total	Total	310.44	100%		Capital Expenditure Total	Total	310.44

MADHYA GUJARAT VIJ COMPANY LIMITED
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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 5: Assets & Depreciation

Distribution Business

Fixed Assets and Depreciation

Particulars *	Gross Block- FY 2020-21				Depreciation- FY 2020-21				Net Block- FY 2020-21		
	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	Applicable rate of Depreciation (%) *	As at the beginning of the Financial Year	As at the end of the Financial Year
Land	5.27	-	-	5.27		0.71				5.27	4.56
Buildings	71.56	0.84	-	72.41		2.40				71.56	70.01
Hydraulic works	0.18	0.02	-	0.21		0.00				0.18	0.20
Other Civil Works	32.16	0.51	-	32.68		1.08				32.16	31.60
Plant & Machinery	1,078.53	71.60	-	1,150.12		55.47				1,078.53	1,094.66
Lines & Cables	4,475.72	228.38	3.76	4,700.34		196.39				4,475.72	4,503.95
Vehicles	5.14	-	-	5.14		0.35				5.14	4.79
Furniture & Fixtures	15.23	0.38	-	15.61		0.78				15.23	14.83
Office Equipments	89.64	0.35	-	89.99		0.53				89.64	89.46
Computer		0.35	-	0.79		8.81				21.35	21.35
Lease hold land	21.35		-	21.35		4.19					
Computer Software	43.43		-	43.43						43.43	30.43
TOTAL	5,838.23	302.43	3.76	6,137.34		270.72			5%		
	5,838.23	302.43	3.76	6,137.34		270.72			5%	5838.23	5865.84

* 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 2020-21				Depreciation- FY 2020-21				Net Block- FY 2020-21		
	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	Applicable rate of Depreciation (%) *	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						243.65					

Distribution Retail Supply Business

Particulars *	Gross Block- FY 2020-21				Depreciation- FY 2020-21				Net Block- FY 2020-21		
	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	Applicable rate of Depreciation (%) *	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						27.07					

MADHYA GUJARAT VIJ COMPANY LIMITED
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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 5: Assets & Depreciation

Particulars *	Gross Block- FY 2022-23			Depreciation- FY 2022-23				Net Block- FY 2022-23			
	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	Applicable rate of Depreciation (%) *	As at the beginning of the Financial Year	As at the end of the Financial Year
Land	5.57	0.27		5.84						4.86	5.13
Buildings	76.52	3.66		80.18						74.13	77.79
Hydraulic works	0.22	0.01		0.23						0.21	0.22
Other Civil Works	34.53	1.65		36.19						33.45	35.11
Plant & Machinery	1,215.52	58.18		1,273.69						1,160.05	1,218.22
Lines & Cables	4,967.59	237.75		5,205.34						4,771.19	4,740.38
Vehicles	5.43	0.26		5.69						5.08	5.34
Furniture & Fixtures	16.50	0.79		17.29						15.72	16.51
Office Equipments	95.11	4.55		99.66						94.58	99.13
Assets taken over from licensees pending final valuation	22.56	1.08		23.64						0.12	0.16
Computer Software	45.90	2.20		48.10						41.71	43.91
TOTAL	6,486.29	310.44	-	6,796.73		300.26			4.52%	6,223.67	6,265.55
									4.52%		

Distribution Wire Business

Particulars *	Gross Block- FY 2022-23			Depreciation- FY 2022-23				Net Block- FY 2022-23			
	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	Applicable rate of Depreciation (%) *	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						270.24					

Distribution Retail Supply Business

Particulars *	Gross Block- FY 2022-23			Depreciation- FY 2022-23				Net Block- FY 2022-23			
	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	Applicable rate of Depreciation (%) *	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						30.03					

MADHYA GUJARAT VIJ COMPANY LIMITED
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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 6: Interest Expenses

A. Normative Loan

(Rs. Crore)

Sr. No.	Source of Loan	True-Up Year (FY 2020-21)			FY 2022-23
		Tariff Order	April-March (Audited)	Deviation	
		(a)	(b)	(c) = (b) - (a)	
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	122.56	107.58	(14.98)	135.18
4	Repayment of Normative loan during the year	122.56	107.58	(14.98)	135.18
5	Closing Balance of Normative Loan	-	-	-	-
6	Average Balance of Normative Loan	-	-	-	-
7	Weighted average Rate of Interest on actual Loans (%)	9.32%	6.30%	(0.03)	6.30%
8	Interest Expenses	-	-	-	-
9	Interest on Security Deposit from Consumers and Distribution system Users	62.47	44.70	(17.77)	44.56
10	Other Bank Charges	0.91	1.18	0.27	1.18
11	Finance Charges				
12	Total Interest & Finance Charges	63.38	45.87	(17.51)	45.74

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 7: Interest on Working Capital

Interest on Working Capital - Distribution Business

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

Sr. No	Particulars	Norm	True-up Year (FY 2020-21)		
			Tariff Order	Audited	True-Up Petition
	Computation of Working Capital				
1	O&M expenses		56.91	52.14	52.14
2	Maintenance Spares		56.87	58.39	58.39
3	Receivables		557.00	533.44	533.44
4	Working Capital requirement		670.78	643.96	643.96
	Less:				
5	Amount held as security deposit from Distribution System Users		999.55	1,014.25	1,014.25
6	Total Working Capital		(328.77)	(370.29)	(370.29)
	Computation of working capital interest				
7	Interest Rate (%)		10.65%	9.57%	9.57%
8	Interest on Working Capital		0	0.00	-
9	Actual Working Capital Interest				

B. ARR for FY 2022-23

Sl. No	Particulars	Norm	FY 2022-23
	Computation of Working Capital		
1	O&M expenses		68.34
2	Maintenance Spares		64.86
3	Receivables		628.60
4	Working Capital requirement		761.80
	Less:		
5	Amount held as security deposit from Distribution System Users		1,048.52
6	Total Working Capital		(286.72)
	Computation of working capital interest		
7	Interest Rate (%)		9.50%
8	Interest on Working Capital		-

Interest on Working Capital - Distribution Wire Business

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

Sr. No	Particulars	Norm	True-up Year (FY 2020-21)		
			Tariff Order	Audited	True-Up Petition
	Computation of Working Capital				
1	O&M expenses				5.21
2	Maintenance Spares				5.84
3	Receivables				53.34
4	Working Capital requirement				64.40
	Less:				
5	Amount held as security deposit from Distribution System Users				101.43
6	Total Working Capital				(37.03)
	Computation of working capital interest				
7	Interest Rate (%)				9.57%
8	Interest on Working Capital				-
9	Actual Working Capital Interest				-

B. ARR for FY 2022-23

Sl. No	Particulars	Norm	FY 2022-23
	Computation of Working Capital		
1	O&M expenses		6.83
2	Maintenance Spares		6.49
3	Receivables		62.86
4	Working Capital requirement		76.18
	Less:		
5	Amount held as security deposit from Distribution System Users		104.85
6	Total Working Capital		(28.67)
	Computation of working capital interest		
7	Interest Rate (%)		9.50%
8	Interest on Working Capital		-

Interest on Working Capital - Retail Supply Business

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

Sl. No	Particulars	Norm	True-up Year (FY 2020-21)		
			Tariff Order	Audited	True-Up Petition
	Computation of Working Capital				
1	O&M expenses				46.92
2	Maintenance Spares				52.55
3	Receivables				480.09
4	Working Capital requirement				579.56
	Less:				
5	Amount held as security deposit				912.83
6	Total Working Capital				(333.26)
	Computation of working capital interest				
7	Interest Rate (%)				9.57%
8	Interest on Working Capital				-
9	Actual Working Capital Interest				-

B. ARR for FY 2022-23

Sl. No	Particulars	Norm	FY 2022-23
	Computation of Working Capital		
1	O&M expenses		61.51
2	Maintenance Spares		58.38
3	Receivables		565.74
4	Working Capital requirement		685.62
	Less:		
5	Amount held as security deposit		943.67
6	Total Working Capital		(258.04)
	Computation of working capital interest		
7	Interest Rate (%)		9.50%
8	Interest on Working Capital		-

MADHYA GUJARAT VIJ COMPANY LIMITED

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 8: Return on Regulatory Equity - Distribution Wire & Retail Supply Business

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	Legend	True-Up Year (FY 2020-21)			FY 2022-23 Projected
			Norm	Tariff Order	Claimed in Petition	
1	Regulatory Equity at the beginning of the year	A		1,103.18	1,120.06	1,236.38
2	Capitalisation during the year	B				348.95
3	Equity portion of capitalisation during the year	C		52.52	46.10	57.93
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		1,155.70	1,166.16	1,294.31
	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			158.12	160.04	177.15

Distribution Wires Business

(Rs. Crore)

Sr. No.	Particulars	Legend	True-Up Year (FY 2020-21)			FY 2022-23 Projected
			Norm	Tariff Order	Claimed in Petition	
1	Regulatory Equity at the beginning of the year	A		992.86	1,008.05	1,112.74
2	Capitalisation during the year	B		-	-	314.06
3	Equity portion of capitalisation during the year	C		47.27	41.49	52.14
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		1,040.13	1,049.55	1,164.88
	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			142.31	144.03	159.43

Distribution Retail Supply Business

(Rs. Crore)

Sr. No.	Particulars	Legend	True-Up Year (FY 2020-21)			FY 2022-23 Projected
			Norm	Tariff Order	Claimed in Petition	
1	Regulatory Equity at the beginning of the year	A		110.32	112.01	123.64
2	Capitalisation during the year	B		-	-	34.90
3	Equity portion of capitalisation during the year	C		5.25	4.61	5.79
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		115.57	116.62	129.43
	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			15.81	16.00	17.71

MADHYA GUJARAT VIJ COMPANY LIMITED

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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 9: Non-tariff Income

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2022-23	Remarks
		Tariff Order	April-March (Audited)	Deviation		
		(a)	(b)	(c) = (b) - (a)		
	Interest on staff loans and advances					
	Interest from others		0.12			
	Income from sale of scrap					
	Gain on sale of fixed assets (net)					
	Income from Staff Welfare Activities					
	Grant for energy conservation		0.46			
	Capital grants (Deferred amount 10% W.Back)		120.58			
	Cons. contribution (Deferred amount 10% W.Back)					
	Provisions no longer required					
	Grant for Miscellaneous Exp u		0.06			
	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		18.17			
	Prior Period Income					
	Other (Pls. specify)					
	Less: Reversal of Grant & Consumer Contribution		201.64			
	Total	130.28	(62.24)	(192.52)	139.39	

Distribution Wires Business

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2021-22	Remarks
		Tariff Order	April-March (Audited)	Deviation		
		(a)	(b)	(c) = (b) - (a)		
	Interest on staff loans and advances		-			
	Interest from others		0.01			
	Income from sale of scrap		-			
	Gain on sale of fixed assets (net)		-			
	Income from Staff Welfare Activities		-			
	Grant for energy conservation		0.05			
	Capital grants (Deferred amount 10% W.Back)		12.06			
	Cons. contribution (Deferred amount 10% W.Back)		-			
	Provisions no longer required		-			
	Miscellaneous receipts		0.01			
	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		1.82			
	Prior Period Income		-			
	Other (Pls. specify)		-			
	Less: Reversal of Grant & Consumer Contribution		20.16			
	Total	13.03	(6.22)	(19.25)	13.94	

Distribution Retail Supply Business

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2019-20)			FY 2021-22	Remarks
		Tariff Order	April-March (Audited)	Deviation		
		(a)	(b)	(c) = (b) - (a)		
1	Interest on staff loans and advances		-			
2	Interest from others		0.10			
	Income from sale of scrap		-			
	Gain on sale of fixed assets (net)		-			
	Income from Staff Welfare Activities		-			
	Grant for energy conservation		0.42			
	Capital grants (Deferred amount 10% W.Back)		108.52			
	Cons. contribution (Deferred amount 10% W.Back)		-			
	Provisions no longer required		-			
	Miscellaneous receipts		0.05			
	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		16.36			
7	Prior Period Income		-			
8	Other (Pls. specify)		-			
9	Less: Reversal of Grant & Consumer Contribution		181.47			
	Total	117.25	(56.02)	(173.27)	125.45	

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Form 10: Revenue for True-up Year

True-up Year (FY 2020-21)

Category	No. of consumers	Sales in MU	Revenue from Fixed/Demand Charges (Rs. Crore)	Revenue from Energy Charges (Rs. Crore)	Total Revenue (Rs. Crore)	Government subsidy (Rs. Crore)	Total Revenue (including Subsidy) (Rs. Crore)
HT & EHT Category	2,391	3,734					
Industrial HT	2,391	3,734	480.69	2,288.89	2769.58	-	2769.58
Railway Traction (Bulk Supply to KPT)	-	-	-	-	0	-	0
Low Voltage Category	33,44,472	6,222					
RGP	27,50,115	2,930	60.45	1,553.05	1613.50	-	1613.50
GLP	33,944	87	57.16	-	57.16	-	57.16
Non-RGP & LTMD	3,44,647	1,471	153.24	917.89	1071.13	-	1071.13
Public Water Works	25,159	354	20.42	214.20	234.62	-	234.62
Agriculture	1,90,607	1,380	32.59	393.00	425.59	84.85	510.44
Street Light	-	-	-	-	0.00	-	0.00
Total	33,46,863	9,955.69	804.55	5,367.03	6,171.58	84.85	6,256.43

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**True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

All Categories			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	11,469
2	Units Sold during Peak hours (ToU)		-
3	Connected Load	MW	9,385
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		36,16,261
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	264
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.	1,074.32
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	1,074.32
4	Energy Charge	Rs. In Cr.	4,093.53
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.	4,093.53
8	Fuel Cost Adjustment	Rs. In Cr.	2,064.50
9	Total Charge	Rs. In Cr.	7,232.35
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	7,232.35
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	93.67
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	93.67
4	Energy Charge	Paise per unit	356.91
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	356.91
8	Fuel Cost Adjustment	Paise per unit	180.00
9	Total Charge	Paise per unit	630.58
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	630.58

**MADHYA GUJARAT VIJ COMPANY LIMITED
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**True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

	Residential		TOTAL / AVERAGE
			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	3,393
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	3,531
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		29,40,977
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	96.13
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.	58.41
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	58.41
4	Energy Charge	Rs. In Cr.	1,283.87
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.	1,283.87
8	Fuel Cost Adjustment	Rs. In Cr.	610.69
9	Total Charge	Rs. In Cr.	1,952.97
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	1,952.97
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	17.22
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	17.22
4	Energy Charge	Paise per unit	378.42
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	378.42
8	Fuel Cost Adjustment	Paise per unit	180.00
9	Total Charge	Paise per unit	575.64
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	575.64

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**True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

	GLP		TOTAL / AVERAGE
			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	95
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	132
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		37,203
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	211.98
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.	3.13
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	3.13
4	Energy Charge	Rs. In Cr.	36.91
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.	36.91
8	Fuel Cost Adjustment	Rs. In Cr.	17.03
9	Total Charge	Rs. In Cr.	57.07
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	57.07
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	33.02
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	33.02
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	180.00
9	Total Charge	Paise per unit	603.02
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	603.02

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Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

	Non-RGP and LTMD		TOTAL / AVERAGE
			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	1,698
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	2,043
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		3,93,770
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	359.38
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.	195.15
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	195.15
4	Energy Charge	Rs. In Cr.	766.69
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.	766.69
8	Fuel Cost Adjustment	Rs. In Cr.	305.67
9	Total Charge	Rs. In Cr.	1,267.51
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	1,267.51
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	114.92
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	114.92
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	180.00
9	Total Charge	Paise per unit	746.40
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	746.40

**MADHYA GUJARAT VIJ COMPANY LIMITED
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**True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

	Public Water Works		TOTAL / AVERAGE
			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	472
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	253
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		32,012
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	1,228.53
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.	1.46
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	1.46
4	Energy Charge	Rs. In Cr.	155.37
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.	155.37
8	Fuel Cost Adjustment	Rs. In Cr.	84.95
9	Total Charge	Rs. In Cr.	241.78
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	241.78
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	3.09
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	3.09
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	180.00
9	Total Charge	Paise per unit	512.32
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	512.32

**MADHYA GUJARAT VIJ COMPANY LIMITED
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**True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

	Agriculture		TOTAL / AVERAGE
			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	1,489
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	1,347
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		2,09,532
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	592.36
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.	103.02
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	103.02
4	Energy Charge	Rs. In Cr.	61.59
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.	61.59
8	Fuel Cost Adjustment	Rs. In Cr.	268.10
9	Total Charge	Rs. In Cr.	432.70
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	432.70
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	69.17
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	69.17
4	Energy Charge	Paise per unit	41.35
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	41.35
8	Fuel Cost Adjustment	Paise per unit	180.00
9	Total Charge	Paise per unit	290.52
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	290.52

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Form 10.A: Sale of Electrical Energy**

Ensuing Year (FY 2022-23) at existing Tariff

	Industrial HT		TOTAL / AVERAGE
			Ensuing Year (FY 2022-23)
A	Physical Data		
1	Units Sold	MU's	4,322.59
2	Units Sold during Peak hours (ToU)		
3	Connected Load	MW	2,079.43
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		2,767.88
12	Power Factor	%	
13	Monthly Consumption per consumer	kWh	1,30,141.22
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.	713.16
2	Excess Demand Charge	Rs. In Cr.	-
3	Total Fixed Charge / Demand Charge	Rs. In Cr.	713.16
4	Energy Charge	Rs. In Cr.	1,789.10
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.	1,789.10
8	Fuel Cost Adjustment	Rs. In Cr.	778.07
9	Total Charge	Rs. In Cr.	3,280.32
10	Prompt Payment Discount, if Any.	Rs. In Cr.	-
11	Net Sale of Energy	Rs. In Cr.	3,280.32
C	Sales Revenue		
1	Fixed Charge / Demand Charge	Paise per unit	164.98
2	Excess Demand Charge	Paise per unit	-
3	Total Fixed Charge / Demand Charge	Paise per unit	164.98
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	180.00
9	Total Charge	Paise per unit	758.88
10	Prompt Payment Discount, if Any.	Paise per unit	-
11	Net Sale of Energy	Paise per unit	758.88

MADHYA GUJARAT VIJ COMPANY LIMITED
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True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 11: Expected Revenue at Existing Tariff

Ensuing Year (FY 2022-23)

Category	No. of consumers	Components of tariff				Relevant sales & load/demand data for revenue calculation			Full year revenue (Rs. Crore)					Average Billing Rate (Rs/kWh)	Ratio of Average Billing Rate to Average Cost of Supply @ 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 energy charge		
Low Tension	36,13,494					7,305		7,147	361.16	3.95	2,304.44		-	2,669.54	3.74
RGP	29,40,977					3,531		3,393	58.41		1,283.87	610.69		1,952.97	5.76
Urban	11,52,236					2,140		2,106	27.72		862.75	379.03		1,269.49	6.03
Energy Charges	#REF!										#REF!				
Zero	328738					1186		0	7		0			7	0.00
1-50 kWh	264554			3.05 Rs/Con/Month		256		82	5		25			30	3.71
51-100 kWh	334587			3.50 Rs/Con/Month		267		307	7		98			105	3.43
Above 250 kWh	72495			5.20 Rs/Con/Month		108		894	1		435			436	4.88
Fixed Charges															
Upto & Including 2KW	964052	15.00 Rs/Con/Month				978		#REF!	17		#REF!			#REF!	
Above 2 to 4 KW	86703	25.00 Rs/Con/Month				304		#REF!	3		#REF!			#REF!	
Above 4 to 6 KW	25447	45.00 Rs/Con/Month				150		#REF!	1		#REF!			#REF!	
Above 6 KW	76035	70.00 Rs/Con/Month				708		#REF!	6		#REF!			#REF!	
BPL - Urban						10		15	0.09		4.36	2.63		7.08	4.85
Energy Charges	#REF!														
Zero	3766	5.00 Rs/Con/Month				5		0	0		0			0	0.00
1-50 kWh	4817	5.00 Rs/Con/Month		1.50 Rs/Con/Month		3		2	0		0			0	1.63
51-100 kWh	3676	5.00 Rs/Con/Month		3.50 Rs/Con/Month		1		4	0		1			1	2.55
101-250 kWh	2603	5.00 Rs/Con/Month		4.15 Rs/Con/Month		0		6	0		2			2	3.33
Above 250 kWh	137	5.00 Rs/Con/Month		5.20 Rs/Con/Month		0		2	0		1			1	4.84
Fixed Charges															
Upto & Including 2KW	0					0		#REF!	#REF!		#REF!			#REF!	
Above 2 to 4 KW	0					0		#REF!	#REF!		#REF!			#REF!	
Above 4 to 6 KW	0					0		#REF!	#REF!		#REF!			#REF!	
Above 6 KW	0					0		#REF!	#REF!		#REF!			#REF!	
Rural						1,261		1,157	29.33		388.86	208.20		626.39	5.42
Energy Charges	#REF!														
Zero	895760					733		0	14		0			14	0.00
1-50 kWh	128094			2.65 Rs/Con/Month		351		24	2		6			8	3.52
51-100 kWh	440348			3.10 Rs/Con/Month		104		331	7		91			98	2.95
101-250 kWh	366449			3.75 Rs/Con/Month		54		483	6		143			149	3.07
Above 250 kWh	15748			4.90 Rs/Con/Month		18		319	0		149			149	4.69
Fixed Charges														0	
Upto & Including 2KW	1520394	15.00 Rs/Con/Month				1041		#REF!	27		#REF!			#REF!	
Above 2 to 4 KW	26517	25.00 Rs/Con/Month				91		#REF!	1		#REF!			#REF!	
Above 4 to 6 KW	4555	45.00 Rs/Con/Month				27		#REF!	0		#REF!			#REF!	
Above 6 KW	11005	70.00 Rs/Con/Month				102		#REF!	1		#REF!			#REF!	

BPL - Rural						120		116	1.27		27.91	20.83		50.01	4.32
Energy Charges	#REF!														
Zero	88254					70		0	1		0			1	0.00
1-50 kWh	78986			1.50 Rs/Con/Month		45		40	0		6			6	1.62
51-100 kWh	29983			3.10 Rs/Con/Month		5		35	0		8			8	2.33
101-250 kWh	12694			3.75 Rs/Con/Month		1		28	0		8			8	2.98
Above 250 kWh	1353			4.90 Rs/Con/Month		0		13	0		6			6	4.37
Fixed Charges															
Upto & Including 2KW	0					0		#REF!	#REF!		#REF!			#REF!	
Above 2 to 4 KW	0					0		#REF!	#REF!		#REF!			#REF!	
Above 4 to 6 KW	0					0		#REF!	#REF!		#REF!			#REF!	
Above 6 KW	0					0		#REF!	#REF!		#REF!			#REF!	
GLP	37,203	70.00		3.90		132		95	3.13		36.91	17.03		57.07	6.03
Non-RGP & LTMD	3,93,770					2,043		1,698	195.15		766.69	305.67		1,267.51	7.46
Non RGP	3,82,386					1,333		866	91.86		388.22	155.90		635.98	7.34
Consumer other than seasonal consumer	3,82,343					1,333		866	91.72		388.22	155.82		635.76	7.34
First 10 kW of connected load	357836	50.00 Rs/Con/Month		4.35 Rs/Con/Month		807		477	48		207			256	5.37
For next 30 kW of connected load	24507	85.00 Rs/Con/Month		4.65 Rs/Con/Month		525		389	43		181			224	5.76
Seasonal Consumer						1		0	0.14		-	2,233.98		2,234.13	
First 10 kW of connected load	21	1800.00 Rs/Con/Month		4.35 Rs/Con/Month		0		0	0		0			0	
For next 30 kW of connected load	22	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	11,384					709		832	103.29	3.95	378.47	149.77		635.48	7.64
Consumer other than seasonal consumer	11,277					700		823	100.34	3.95	378.47	148.10		630.86	7.67
For first 40 kW of billing demand	3450	90.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		101		76	11	0.36	35			46	6.09
Next 20 kW of billing demand	3549	130.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		199		175	24	0.84	81			106	6.03
Above 60 kW of billing demand	4278	195.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		399		572	65	2.74	263			331	5.79
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	107					10		9	2.95		-	1.67		4.62	4.97
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	16.37
Next 20 kW of billing demand	20	2970.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		1		1	0		0			0	3.71
Above 60 kW of billing demand	85	2970.00 Rs/Con/Month	0.10 Rs/kW/Month	4.60 Rs/Con/Month		9		8	3		0			3	3.08
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	32,012					253		472	1.46		155.37	84.95		241.78	5.12
Type II (Local Authority out side Gram Panchayat area)	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)	28096	#REF!		3.20 Rs/Con/Month		217		430	0		138			138	3.20
Agriculture	2,09,532					1,347		1,489	103.02		61.59	268.10		432.70	2.91
HP Based Tariff-Unmetered	25732	200.00 Rs/Con/Month		#REF!		206		469	66		#REF!			#REF!	#REF!
Metered Tariff	181689	20.00 Rs/Con/Month		0.60 Rs/Con/Month		1124		1003	36		60			96	0.96
Tatkal Scheme	2111	20.00 Rs/Con/Month		0.80 Rs/Con/Month		17		17	1		1			2	1.13
LT Electric Vehicle	-	25.00		4.10		-		-	-		-	-		-	-
															0.00
															0.00

HIGH TENSION	2,768				2,079		4,323	713.16		1,789.10	778.07		3,280.32	7.59
													0	0.00
Industrial HT	2,768				2,079		4,323	713.16		1,789.10	778.07	84.77	3,365.10	7.78
HTP - I	2,456				1,871		3,921	672.40		1,657.76	705.74	81.77	3,117.67	7.95
Upto 500 kVA of Billing Demand	1799	150.00 Rs/Con/Month			523		425	94		170		1.12	265	6.24
For next 500 kVA of Billing Demand	313	260.00 Rs/Con/Month			224		496	49		208		11.44	269	5.43
For billing demand in excess of 1000 kVA and less than 2500 kVA	232	475.00 Rs/Con/Month			353		1045	126		439		24.12	589	5.64
For billing demand >2500 kVA	112	475.00 Rs/Con/Month			771		1955	403		840		45.10	1289	6.59
Billing Demand in Excess of contract demand	0	555.00 Rs/Con/Month			0		0	0		0		-	0	0.00
Seasonal	52				10		13	4.67		-	2.28	-	6.95	5.49
Upto 500 kVA of Billing Demand	50	4550.00 Rs/Con/Month			9		10	4		0		-	4	4.11
For next 500 kVA of Billing Demand	2	4550.00 Rs/Con/Month			1		2	0		0		-	0	1.87
For billing demand in excess of 1000 kVA and less than 2500 kVA	0	4550.00 Rs/Con/Month			0		0	0		0		-	0	0.00
For billing demand >2500 kVA	0	4550.00 Rs/Con/Month			0		0	0		0		-	0	0.00
Billing Demand in Excess of contract demand	0	4550.00 Rs/Con/Month			0		0	0		0		-	0	0.00
HTP - II	217				101		195	19.44		87.51	35.15	2.96	145.06	7.43
Upto 500 kVA of Billing Demand	164	115.00 Rs/Con/Month			43		79	6		34		0.48	41	5.16
For next 500 kVA of Billing Demand	37	225.00 Rs/Con/Month			27		52	5		24		1.11	29	5.66
For billing demand in excess of 1000 kVA and less than 2500 kVA	12	290.00 Rs/Con/Month			16		41	4		19		0.88	23	5.67
For billing demand >2500 kVA	4	290.00 Rs/Con/Month			16		23	5		11		0.49	16	7.06
Billing Demand in Excess of contract demand	0	360.00 Rs/Con/Month			0		0	0		0		-	0	0.00
HTP - III	7				2		2	1.32		1.02	0.28	0.05	2.67	17.24
For billing demand upto contract demand	7	18.00 Rs/Con/Month			2		2	1		1		0.05	2	15.44
For billing demand in excess of contract demand	0	20.00 Rs/Con/Month			0		0	0		0		-	0	0.00
HTP - IV	21				91		189	15.20		42.54	34.03	-	91.78	4.85
Upto 500 kVA of Billing Demand	1	50.00 Rs/Con/Month			0		0	0		0		-	0	2.80
For next 500 kVA of Billing Demand	1	86.67 Rs/Con/Month			0		0	0		0		-	0	12.18
For billing demand in excess of 1000 kVA and less than 2500 kVA	5	158.33 Rs/Con/Month			9		8	1		2		-	3	3.63
For billing demand >2500 kVA	13	158.33 Rs/Con/Month			81		181	14		41		-	55	3.03
Billing Demand in Excess of contract demand	0	185.00 Rs/Con/Month			0		0	0		0		-	0	0.00
HTP V	14	25.00			4		3	0.13		0.26	0.58	-	0.96	2.99
													0	
Railway Traction	-				#REF!		-	-		-	-	-	-	-
For billing demand upto the contract demand	0	180.00 Rs/Con/Month			0		0	0		0		#REF!	#REF!	0.00
For billing demand in excess of contract demand	0	425.00 Rs/Con/Month			0		0	0		0		#REF!	#REF!	0.00
														0.00
HT Electric Vehicle	-				-		-	-		-	-	-	-	-
For billing demand upto the contract demand	0	25.00 Rs/Con/Month			0		0	0		0		#REF!	#REF!	0.00
For billing demand in excess of contract demand	0	50.00 Rs/Con/Month			0		0	0		0		#REF!	#REF!	0.00
LT and HT Total	36,16,261				9,385		11,469	1,074.32	3.95	4,093.53	2,064.50	84.77	7,321.07	6.38

MADHYA GUJARAT VIJ COMPANY LIMITED

Vadodara

True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply

Form 13: Truing-up Summary

True-up Year (FY 2020-21)

Distribution Business

Sr. No.	Particulars	Approved (a)	Actual (b)	Deviation (c=a-b)	Reason for Deviation	Controllable	Uncontrollable
1	Power Purchase Expenses	5,723.61	5,237.60	486.01		89.55	396.47
2	Operation & Maintenance Expenses	682.86	625.64	57.22		73.82	(16.59)
3	Depreciation	270.64	270.72	(0.08)			(0.08)
4	Interest and Finance Charges	63.38	45.87	17.51			17.51
5	Interest on Working Capital	-	-	-			
6	Bad debts written off	0.00	0.01	(0.00)		(0.00)	
7	Contribution to contingency reserves						
8	Total Revenue Expenditure	6,740.49	6,179.84	560.66			
9	Return on Equity Capital	158.12	160.04	(1.91)			(1.91)
10	Income Tax	12.11	19.58	(7.47)			(7.47)
11	Aggregate Revenue Requirement	6,910.73	6,359.45	551.28		163.36	387.92
12	Less: Non Tariff Income	130.28	(62.24)	192.52			192.52
13	Less: Income from Other Business						
14	Less: Receipts on account of Cross Subsidy Surcharge						
15	Less: Receipts on account of Additional Surcharge on charges for wheeling						
16	Add: DSM expenses						
17	Aggregate Revenue Requirement	6,780.45	6,421.69	358.75		163.36	387.92
18	Revenue from Sale of electricity		6,171.59	(6,171.59)			
19	Revenue Gap/(Surplus)		(72.36)	72.36			

Distribution Wires Business

(Rs. Crore)

Sr. No.	Particulars	Approved (a)	Actual (b)	Deviation (c=a-b)	Reason for Deviation	Controllable	Uncontrollable
1	Operation & Maintenance Expenses	428.76	327.04	101.72		42.00	59.72
2	Depreciation	243.58	243.65	(0.07)		-	(0.07)
3	Interest & Finance Charges	57.04	41.29	15.76		-	15.76
4	Interest on Working Capital	-	-	-		-	-
5	Contribution to contingency reserves						
6	Total Revenue Expenditure	729.38	611.97	117.41		42.00	75.41
7	Return on Equity Capital	142.31	144.03	(1.72)		-	(1.72)
8	Income Tax	10.90	17.62	(6.72)		-	(6.72)
9	Aggregate Revenue Requirement	882.59	773.63	108.97		42.00	66.96
10	Less: Non Tariff Income	13.03	(6.22)	19.25		-	19.25
11	Less: Income from Other Business						
12	Aggregate Revenue Requirement of Wires Business	869.56	779.85	89.71		42.00	47.71
13	Revenue from Wheeling Charges						
14	Revenue Gap/(Surplus)						

Distribution Retail Supply Business

Sr. No.	Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Uncontrollable
1	Power Purchase Expenses	5,723.61	5,237.60	486.01		89.55	396.47
2	Operation & Maintenance Expenses	254.10	298.60	(44.50)		31.82	(76.31)
3	Depreciation	27.06	27.07	(0.01)		-	(0.01)
4	Interest on Long-term Loan Capital	6.34	4.59	1.75		-	1.75
5	Interest on Working Capital	-	-	-		-	-
6	Bad debts written off	0.00	0.01	(0.00)		(0.00)	
7	Contribution to contingency reserves						
8	Total Revenue Expenditure	6,011.11	5,567.86	443.25		121.36	321.90
9	Return on Equity Capital	15.81	16.00	(0.19)		-	(0.19)
10	Income Tax	1.21	1.96	(0.75)		-	(0.75)
11	Aggregate Revenue Requirement	6,028.14	5,585.82	442.31		121.36	320.96
12	Less: Non Tariff Income	117.25	(56.02)	173.27		-	173.27
13	Less: Income from Other Business						
14	Less: Receipts on account of Cross Subsidy Surcharge						
15	Less: Receipts on account of Additional Surcharge on charges for wheeling						
16	Aggregate Revenue Requirement from Retail Tariff	5,910.88	5,641.84	269.04		121.36	147.69
17	Revenue from Sale of electricity		6,171.59	(6,171.59)			
18	Revenue Gap/(Surplus)						

Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors

**MADHYA GUJARAT VIJ COMPANY LIMITED
VADODARA**

**True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Distribution & Retail Supply
Form 14: Cross Subsidy Trajectory**

**Ensuing Year (FY 2022-23)
Discom - MGVCL**

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	6.17	5.55	5.55	89.92%	89.92%	No tariff hike/change proposed	
GLP	6.17	5.94	5.94	96.20%	96.20%		
Non-RGP & LTMD	6.17	7.25	7.25	117.44%	117.44%		
Public Water Works	6.17	5.42	5.42	87.77%	87.77%		
Agriculture	6.17	3.56	3.56	57.64%	57.64%		
LT Electric Vehicle	6.17	-	-	0.00%	0.00%		
Industrial HT	6.17	7.34	7.34	118.86%	118.86%		
Railway Traction	6.17	8.60	8.60	139.29%	139.29%		
HT Electric Vehicle	6.17	-	-	0.00%	0.00%		
Total	6.17	6.11	6.11	99.00%	99.00%		