

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission

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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.

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 1: Aggregate Revenue Requirement - Summary Sheet

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			FY 2022-23 Projected	Remarks
			Tariff Order	April - March (Audited)	Deviation		
			(a)	(b)	(c)=(b)-(a)		
1	Operation & Maintenance Expenses	Form 2	1,882.18	1,451.84	(430.34)	2,156.84	
2	Depreciation	Form 4	1,355.67	1,189.71	(165.96)	1,381.91	
3	Interest and Finance Charges	Form 5	618.80	506.10	(112.70)	507.86	
4	Interest on Working Capital and deposits from TSUs	Form 6	93.39	72.76	(20.63)	87.06	
5	Contribution to Contingency reserves	Form 9	-	-	-	-	
6	Exceptional Items		-	-	-	-	
7	Total Revenue Expenditure		3,950.04	3,220.41	(729.63)	4,133.67	
8	Return on Equity Capital	Form 7	1,013.02	996.05	(16.97)	1,155.66	
9	Incentive		-	43.03	43.03		
10	Tax		64.62	329.88	265.26	329.88	
11	Aggregate Revenue Requirement		5,027.68	4,589.37	(438.31)	5,619.21	
12	Less: Non Tariff Income	Form 8	331.37	70.31	(261.06)	494.48	
13	Less: Income from Other Business		-	-	-		
14	Less: Revenue from short-term transmission charges		-	-	-		
15	Less: Expenses Capitalized		194.13	213.84	19.71	239.00	
16	Aggregate Revenue Requirement from Transmission Tariff		4,502.18	4,305.22	(196.96)	4,885.73	

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 2: Normative Operation and Maintenance Expenses

Sr. No.	Particular	FY 2020-21			FY 2022-23			Remarks
		Opening	Closing	Average	Opening	Closing	Average	
		1	Ckt. Km. Basis					
a	Ckt km length							
	Above 400 kV							
	-400 kV							
	-220 kV							
	-132 kV							
	-66 kV and below							
	Total	61185	62449	61817	65201	67577	66389	
b	Applicable O&M cost Norm for ckt-km :- Rs Lakh / ckt-km			0.81			0.93	
c	O&M Expenses (ckt-km), Rs Crore			500.72			617.42	
A	Sub-total			500.72			617.42	
2	Bay basis							
d	Number of Bays							
	Above 400 kV							
	-400 kV							
	-220 kV							
	-132 kV							
	-66 kV and below							
	Total	14306	15025	14666	15771	16672	16222	
e	Applicable O&M Cost Norm for Bays (Rs. Lakh / Bay) @ Rs Lakh per feeder bay			9.50			9.49	
f	O&M Expense (Bays), Rs Crore			1393.22			1539.42	
B	Sub-total			1393.22			1539.42	
C	Total (A+B)			1,893.94			2,156.84	

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 2.1: Operations and Maintenance Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2022-23	Remarks
		Approved in Tariff Order	Normative Actual	As per Audited Accounts	Projected	
1	O&M Expenses	1,882.18	1,893.94	1,451.84	2,156.84	

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 2.2: Transmission Network Details

Network details

Sr. No.	Particulars	True Up Year		Remarks
		FY 2020-21	FY 2022-23	
A	No of Substations			
	Above 400 kV		0	
	400 KV	1	2	
	220 KV	3	7	
	132 KV	-	1	
	66 KV and less	84	60	
B	Transformation Capacity (in MVA)			
	Above 400 kV			
	400 KV	19,765		
	220 KV	43,060		
	132 KV	11,175		
	66 KV and less	64,646		
C	Transmission Capacity (in MW)			

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 2.3: Employee Expenses

Expenditure details

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Basic Salary			765.86
2	Impact of 7th pay commission (actual paid)			69.60
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			9.79
14	VRS Expenses/Retrenchment Compensation			
15	Commission to Directors			
16	Death & Accident Compensation			
17	Training Expenses			
18	Payment under Workmen's Compensation Act			
19	Waiver of O/s.HBA Loan & interest.			
20	Interim relief to staff.			
21	Board's contri. Bombay Labour welfare Act.			
22	EDLI - Board's contribution.			
23	EDLI - Administration charges.			
24	ESIS - Board's contribution.			
25	Leave Encashment Expense			
26	Net Employee Costs			845.25
27	Terminal Benefits			68.90
27.1	Provident Fund Contribution			77.14
27.2	Provision for 7th Pay Commission			
27.3	Pension Payments			
27.4	Re-measurement of the defined benefit plans			16.88
28	Less: Provision for 7th Pay Commission			(53.49)
29	Gross Employee Expenses *			
30	Less: SLDC Expenses			
31	Net Employee Expenses			954.68

Note:

Employee expenses shown is excluding SLDC charges
Expenses capitalized have been shown under separate head in F1 sheet

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 2.4: 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			9.81
2	Insurance			0.21
3	Testing Charges			1.72
4	Telephone & Postage, etc.			2.02
5	Legal charges			6.01
6	Professional, Consultancy, Technical fee			
7	Conveyance & Travel			51.81
8	Electricity charges			5.51
9	Water charges			1.71
10	Security arrangements			25.10
11	Fees & subscription			
12	Books & periodicals			
13	Computer Stationery			
14	Printing & Stationery			2.63
15	Expenses on Computer Billing & EDP Charges.			0.77
16	Advertisements			2.08
17	Purchase Related Advertisement Expenses			
18	Audit Fee			0.11
19	License Fee and other related fee			
20	Loss of sale of fixed assets			0.25
21	Expected credit loss of recoverables			0.07
22	Net shortage/impairment of fixed assets/CWIP			12.81
23	Outsourcing of metering and billing system			
24	Freight Expense			0.58
25	V-sat, Internet and related charges			
26	Expenditure for COVID-19 Pandemic			0.69
27	Expenditure for Kisan Suryoday Yojna (KSY)			0.60
28	Miscellaneous Expenses			0.95
29	Miscellaneous Losses & Write-offs			0.01
30	Office Expenses			
31	Expenditure on Training to Staff.			0.13
32	Other Administration & general Expenses			8.67
33	Gross A&G Expenses			134.28
34	Less: SLDC Expenses			4.37
35	Net A&G Expenses			129.90

Note:

A&G expenses shown is excluding SLDC charges

Expenses capitalized have been shown under separate head in F1 sheet

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 2.5: Repair and Maintenance Expenses

(Rs. Crore)

Sr. No.	Particulars	True-up Year (FY 2020-21)
		(Audited)
1	Plant & Machinery	123.16
2	Buildings	13.88
3	Civil Works	
4	Hydraulic Works	
	Sub Station Maintenance under Contract	211.54
5	Lines & Cable Networks	16.14
6	Vehicles	
7	Furniture & Fixtures	
8	Office Equipment	
9	Others (Pls. specify)	9.84
10	Gross R&M Expenses	374.56
11	Less: SLDC Expenses	7.31
12	Net R&M Expenses	367.25

Note:

R&M expenses shown is excluding SLDC charges

Expenses capitalized have been shown under separate head in F1 sheet

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 3: Summary of Capital Expenditure and Capitalisation

(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)	Projected	
1	Capital Expenditure	2,984.49	2,195.50		2,968.44	
2	Capitalisation	2,387.59	1,830.93		2,556.42	
3	IDC					
4	Capitalisation + IDC	2,387.59	1,830.93		2,556.42	

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

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 4: Assets & Depreciation

Fixed Assets and Depreciation For True Up year

(Rs. Crore)

Particulars *	Gross Block (FY 2020-21)				Depreciation (FY 2020-21)				Applicable rate of Depreciation (%) *	Net Block	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Free hold land	906.51	125.91	0.00	1032.42		0.00		0.00	0.00%	906.51	1032.42
Buildings	1107.48	91.06	3.16	1162.48		36.06		36.06	3.34%	1107.48	1126.42
Hydraulic Works	38.21	1.67	0.01	38.48		1.40		1.40	5.28%	38.21	37.08
Other Civil Works	1506.85	140.14	-0.31	1647.31		50.73		50.73	3.34%	1506.85	1596.58
Plant & Machineries	13070.97	881.62	21.30	13931.30		596.53		596.53	5.28%	13070.97	13334.76
Lines & Cable Net Works	10612.22	609.97	2.41	11219.78		491.28		491.28	5.28%	10612.22	10728.50
Vehicles	8.20	0.00	0.38	7.81		0.44		0.44	9.50%	8.20	7.38
Furniture & Fixtures & Electrical Ligh	56.02	4.02	0.03	60.01		2.87		2.87	6.33%	56.02	57.14
Office Equipments	66.40	3.29	1.08	68.60		6.80		6.80	6.33%	66.40	61.80
Lease hold Land	148.34	0.00	0.91	147.43		4.75		4.75	0.00%	148.34	142.69
Computer Softwares	2.67	1.26	0.00	3.93		2.22		2.22	30.00%	2.67	1.72
TOTAL	27,523.86	1,830.93	28.97	29,319.54	-	1,193.06	-	1,193.06	4.18%	27,523.86	28,126.48
Total as per Audited Account (for True up year only)	27,523.86	1,830.93	28.97	29,319.54	-	1,193.06	-	1,193.06	4.18%	27,523.86	28,126.48

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

Fixed Assets and Depreciation For FY 2022-23

(Rs. Crore)

Particulars *	Gross Block				Depreciation				Applicable rate of Depreciation (%) *	Net Block	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Free hold land	1116.95	90.02		1206.97	0.00	0.00		0.00	0.00%	1116.95	1206.97
Buildings	1257.66	101.36		1359.02	76.47	43.70		120.17	3.34%	1181.19	1238.85
Hydraulic Works	41.63	3.35		44.98	3.52	2.29		5.80	5.28%	38.11	39.18
Other Civil Works	1782.19	143.63		1925.82	108.00	61.92		169.92	3.34%	1674.19	1755.90
Plant & Machineries	15071.98	1214.69		16286.67	1362.22	827.87		2190.09	5.28%	13709.76	14096.58
Lines & Cable Net Works	12138.45	978.27		13116.72	930.88	469.23		1400.11	5.28%	11207.57	11716.61
Vehicles	8.45	0.68		9.14	1.21	0.84		2.04	9.50%	7.25	7.09
Furniture & Fixtures & Electrical Ligh	64.92	5.23		70.15	6.82	4.28		11.09	6.33%	58.10	59.06
Office Equipments	74.22	5.98		80.20	11.32	4.89		16.21	6.33%	62.90	63.99
Lease hold Land	159.50	12.85		172.36	4.75	0.00		4.75	0.00%	154.76	167.61
Computer Softwares	4.25	0.34		4.60	3.45	0.44		3.88	30.00%	0.81	0.72
TOTAL	31,720.20	2,556.42		34,276.62	2,508.62	1,415.45		3,924.07	4.18%	29,211.58	30,352.55

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

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 5: Interest & Finance Charges / Interest Expenses (1 of 2)

A. Normative Loan

Sr. No.	Source of Loan	True-Up Year (FY 2020-21)			FY 2022-23	Remarks
		Tariff Order	April-March (Audited)	Deviation		
		(a)	(b)	(c) = (b) - (a)	Projected	
1	Opening Balance of Normative Loan	6,223.13	7,213.59	990.46	7,081.08	
2	Less: Reduction of Normative Loan due to retirement or replacement of assets					
3	Addition of Normative Loan due to capitalisation during the year	1,448.19	979.17	(469.02)	1,487.01	
4	Repayment of Normative loan during the year	1,355.67	1,189.71	(165.96)	1,381.91	
5	Closing Balance of Normative Loan	6,315.65	7,003.04	687.39	7,186.18	
6	Average Balance of Normative Loan	6,269.39	7,108.32	838.93	7,133.63	
7	Weighted average Rate of Interest on actual Loans (%)	9.85%	6.95%		6.95%	
8	Interest Expenses	617.80	493.84	(123.96)	495.60	
9	Finance Charges	1.00	12.25	11.25	12.25	
10	Total Interest & Finance Charges	618.80	506.10	(112.70)	507.86	

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 6: Interest on Working Capital

A. True up Year (FY 2020-21)

(Rs. Crore)

Sr. No.	Particulars	Norm	True up Year (FY 2020-21)		
			Tariff Order	Audited	True-Up Petition
1	O&M expenses	1 Month	156.85		120.99
2	Maintenance Spares	1% of historical cost	266.29		275.24
3	Receivables	1 Month	375.11		364.10
4	Less: Amount of Security Deposit from Transmission System Users				
5	Total Working Capital requirement		798.25		760.33
6	Computation of working capital interest				
7	Interest Rate (%)		11.70%		9.57%
8	Interest on Working Capital		93.39		72.76
9	Actual Working Capital Interest				
		Not Applicable			

Notes:

- Petitioner should submit documentary evidence for actual interest on working capital incurred

B. FY 2022-23

(Rs. Crore)

Sr. No.	Particulars	Norms	FY 2022-23 (Projected)
1	O&M expenses	1 Month	179.74
2	Maintenance Spares	1% of historical cost	317.55
3	Receivables	1 Month	419.16
4	Less: Amount of Security Deposit from Transmission System Users		
5	Total Working Capital requirement		916.45
6	Computation of working capital interest		
7	Interest Rate (%)		9.50%
8	Interest on Working Capital		87.06

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 7: Return on Regulatory Equity

(Rs. Crore)

Sr. No.	Particulars	Legend	True up Year (FY 2020-21)			FY 2022-23
			Norm	Tariff Order	Claimed in Petition	Projected
1	Regulatory Equity at the beginning of the year	A		6,925.52	6,904.82	7,936.06
2	Capitalisation during the year	B			1,830.93	2,556.42
3	Equity portion of capitalisation during the year	C		620.66	419.64	637.29
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		7,546.18	7,324.46	8,573.35
	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			1,013.02	996.05	1,155.66

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 8: Non-Tariff Income

(Rs. Crore)

Sr. No.	Particulars	Reference	True up Year (FY 2020-21)			FY 2022-23	Remarks
			MYT Order	April-March (Audited)	Deviation		
			(a)	(b)	(c) = (b) - (a)	Projected	
1	Income from Rents of land or buildings						
2	Income from Sale of Scrap						
3	Income from Scheduling and system operating charges						
4	Income from interest on investments etc.						
5	Interest income on advances to suppliers/contractors						
6	Income from Rental from staff quarters						
7	Income from Trading -Stores, Scrap etc.			12.40	12.40		
8	Income from hire charges from contractors and others				-		
9	Income from advertisements, etc.				-		
10	Other Interest (Net)			3.57	3.57		
11	Parallel Operation Charges			72.87	72.87		
12	Miscellaneous Receipts			8.41	8.41		
13	Miscellaneous charges from consumers			9.81	9.81		
14	Penalties received from suppliers & consumers			64.11	64.11		
15	Interest on Staff Loans and Advances.				-		
16	Interest from Banks (other than on Fixed Deposits).			10.43	10.43		
17	Interest Income from Fixed Deposits			0.17	0.17		
18	Income towards Govt. Grants/ Subsidies towards cost of capital assets (Deferred amount)			205.27	205.27		
19	Reactive Charges Income			27.27	27.27		
20	Operation & Maitenance charges			41.64	41.64		
21	Supervision Income from execution of Deposit work			25.46	25.46		
22	Gain on sale of Fixed Assets (Net of Loss)			1.38	1.38		
23	Grant for energy conservation			1.34	1.34		
24	Contribution and Grants towards cost of capital assets				-		
25	Gain on Foreign exchange fluctuation			10.35	10.35		
26	Less: Reversal of Grant & Consumer Contribution			424.17			
27	Total			331.37	70.31	494.48	

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 9: Contribution to Contingency Reserves

(Rs. Crore)

Sr. No.	Particulars	True up Year (FY 2020-21)			FY 2022-23	Remarks
		MYT Order	April-March (Audited)	Deviation		
		(a)	(b)	(c) = (b) - (a)	Projected	
1	Opening Balance of Contingency Reserves					
2	Opening Gross Fixed Assets					
3	Opening Balance of Contingency Reserves as % of Opening GFA		0.00%		0.00%	
4	Contribution to Contingency Reserves during the year	-	0.00	-	0.00	
5	Utilisation of Contingency Reserves during the year		0.00		0.00	
6	Closing Balance of Contingency Reserves		0.00		0.00	
7	Closing Balance of Contingency Reserves as % of Opening GFA		0.00%		0.00%	

Note: Documentary evidence towards investment of amounts under Contingency Reserve should be submitted

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 10: Transmission Losses

Sr. No.	Particulars	True-Up Year (FY 2020-21)			FY 2022-23
		Energy Input	Energy Output	Loss in %	Projected
1	400 KV				
2	220 KV				
3	132 KV				
4	66 KV				
5	Below 66 KV				
6	Transmission System as a Whole	104704.69	101130.86	3.41%	3.72%

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
True up for FY 2020-21 & ARR Petition Formats for FY 2022-23 - Transmission
Form 11: Transmission Availability

Sr. No.	Particulars	True-Up Year (FY 2020-21)		FY 2022-23
		Tariff Order	Actual	Projected
1	Transmission Availability (in %)	98.50%	99.47%	99.47%

Note: This detail must be certified by SLDC .