

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Vidyut Soudha, Somajiguda, Hyderabad - 82.

From Chief Engineer (Comml.&RAC) Vidyut Soudha, Hyderabad – 500082.

To The Secretary, TSERC, #11-4-660, 5th floor, Singareni Bhavan, Red Hills, Hyderabad – 500004.

Lr.No.CE/Comml.&RAC/SE/Plg/RAC/F.Draft MYT Regn2023/D.No.108/23,Dt.13 –12–2023

Sir,

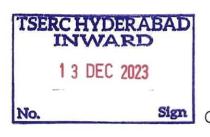
Sub: TSTRANSCO – Draft Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2023 published by the Hon'ble TSERC – Comments/Suggestions/Objections of the Transmission Licensee (i.e., TSTRANSCO) – Submission to TSERC – Reg.

Ref: Public Notice Dt. 16.11.2023 issued by the TSERC

With respect to the Public Notice cited above wherein the Hon'ble TSERC issued the Draft Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2023, the Comments/Suggestions/Objections of Transmission Corporation Of Telangana Limited (the Transmission Licensee) are submitted herewith in 6 (Six) sets.

The receipt of the same may be acknowledged.

Encl: As above



Yours faithfully,

D. Praveen Maurice

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Copy to

PS to Joint Managing Director (Fin., Comml.&HRD)/VidyutSoudha/TSTRANSCO/Hyd.

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Submission of Comments/Suggestions/Objections on

The Draft Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2023 issued by the Hon'ble TSERC.

	Comments/	Suggestions/Objections on the draft TSERC (N	Multi year tariff) Regulation, 2023	Proposed amendment to the draft Regulation
Sl. No.	Regulation/ Section/ Clause (No.)	Draft Regulation	Comments/ Suggestions/ Objections on the draft Regulation	Proposed Amendment/New regulation
1	12	Controllable and uncontrollable factors		Controllable and uncontrollable factors
	12.1	Variations or expected variations in the performance of the Petitioner, which may be attributed by the Commission to controllable factors include, but are not limited to the following: (a) Variation in Distribution losses; (b) Variation in Transmission losses; (c) Variation in operational norms; (d) Variation in amount of interest on working capital; (e) Variation in Operation & Maintenance expenses; (f) Variation in Coal transit losses.	Regulation 1 of 2019 (Terms and conditions of Generation tariff)	Variations or expected variations in the performance of the Petitioner, which may be attributed by the Commission to controllable factors include, but are not limited to the following: (a) Variation in Distribution losses; (b) Variation in Transmission losses; (c) Variation in operational norms; (d) Variation in amount of interest on working capital; (e) Variation in Operation & Maintenance expenses; (f) Variation in Coal transit losses. (g) Variation in interest and finance charges, return on equity, and depreciation on account of variation in capitalisation.

	44	No. 1 - 1 - 2 - 1 - 1 - 2 - 2 - 1 - 2 - 2 -	
2	<u>14</u>	Mechanism for sharing of gains or losses on	
		account of controllable factors	
	2 7 2		
	14.1		We plead the Hon'ble Commission to It is proposed to amend the regulation by allowing
			consider the fact that Transmission complete gain or loss as per actuals in line with
			Licensee shall have to bear the loss in case existing norms.
		following	the Proposed Regulation is followed, as
		manner:	many of the attributes contributing to
		(a) Two-third of the amount of such gain shall	
		be passed on as a rebate	considered as Controllable factors, though
		in tariff over such period as may be stipulated	the variation is Uncontrollable.
		in the Order of the	1. Repairs and Maintenance is one of
		Commission;	the components of O&M Cost which
		(b) The balance amount of such gain shall be	depends on the life of the asset.
		retained by the generating	Hence, the same is not under the
		entity or licensee or SLDC.	control of the Company.
			2. Employee Cost with respect to DA,
	14.2	The approved aggregate loss to the generating	Annual grade increments and
1		entity or licensee or SLDC	terminal benefits is not controllable
		on account of controllable factors shall be dealt	except Pay revision.
		with in the following	3. Interest on working capital is also
		manner:	based on O&M and other
		(a) One-third of the amount of such loss may	components of ARR, Hence the
		be passed on as an	same is not controllable.
		additional charge in tariff over such period as	
		may be stipulated in	
		the Order of the Commission;	
		(b) The balance amount of such loss shall be	
		absorbed by the generating entity or licensee or	
		SLDC.	

Capital Cost Capital cost for a capital investment project shall include: 21.1.(b) Interest during construction and financing We plead with the Hon'ble Commission to Interest during construction and financing charges, charges, on the loans (i) being limited to 75% consider the fact that Transmission on the loans (i) being equal to 75% of the funds of the funds deployed, in the event of actual Licensee shall have to bear the Capital loss, deployed, in the event of the actual equity in excess loan in excess of 75% of the funds deployed, if the Interest During Construction and of 25% of the funds deployed, by treating the by treating the excess loan amount as equity, financing charges is limited to 75% of the excess equity as normative loan, or (ii) being equal or (ii) being equal to the actual amount of loan funds deployed, as the amount of actual to the actual amount of loan in the event of the in the event of the actual loan less than 75% of Interest incurred during Construction period actual equity less than 25% of the funds deployed; the funds deployed; cannot be claimed in Interest & Finance Charges. Therefore, we request the Hon'ble The draft regulation proposed at clause 21.1(b) is in Commission to allow entire actual interest contradictory to clause 27.1 of the draft regulation. expenditure incurred during construction Hence, we request the commission to amend the period as addition to Capital Cost. proposed regulation in line with existing norms. As per Regulation 27.1 of the draft TSERC regulation 2023, the debt equity ratio shall be 75:25. Where equity employed is more than 25%, it shall be limited to 25%. In case, equity employed is less than 25 %, the actual equity shall be considered. However, The draft Regulation 21.1 (b) is contra indication to the Clause 27.1. **Illustration**: As per draft Regulation 21.1 (b) (i), in the event of actual loan i.e say for 85 % loan, the excess loan above 75%

				has to be treated as equity, then total equity will be 25%, though actual equity employed is less than 25%, which is against to the Regulation 27.1 21.1 (b) (ii) if actual loan is say 70% then equity will be 30%, which is against the regulation 27.1 on debt equity ratio.	
2	1	21.2	Interest During Construction (IDC) and Incidental Expenditure During Construction (IEDC):		
		21.2(d)	If the delay in achieving the COD is not attributable to the generating company or the transmission licensee, IDC and IEDC beyond SCOD may be allowed after prudence check and the liquidated damages, if any, recovered from the contractor or supplier or agency shall be adjusted in the capital cost of the generating station or the transmission system, as the case may be.	Contractor are considered as Income in compliance with GST Act. Therefore, we request the Hon'ble Commission to consider the treatment of Liquidated damages collected as per the Proposed Regulation with Applicable GST	
4	5	21.6		look into the clause 21.6, as the Approval from the Commission is to be obtained for the Projects with Investments above 50Crs, the unapproved schemes limiting to 10% of	

6	27	Debt-Equity Ratio		
	27.1	For the purpose of determination of tariff, debt-equity ratio as on date of commercial operation in case of a new generating station, transmission line and distribution line or substation commissioned or capacity expanded on and/or after 01.04.2024, shall be 75:25. Where equity employed is more than 25%, the amount of equity for the purpose of tariff shall be limited to 25% and the balance amount shall be considered as normative loan. Where actual equity employed is less than 25%, the actual equity shall be considered:	27.1 is in contradiction to clause 21.1.(b) of the draft regulation Hence, we request the commission to amend the proposed regulation in line with existing debt equity	
7	28	Depreciation		
	28.1 (b)	Depreciation shall be computed annually based on the straight line method on the basis of the expected useful life specified in the Annexure I to this Regulation.	allow calculating the Depreciation based on	We request the Hon'ble Commission to allow the calculation of Depreciation as per CERC Norms in accordance with CERC Tariff Regulations 2019.
			TSTRANSCO has complied with the directions of Hon'ble TSERC issued in the 4th MYT orders and changed the depreciation methodology from Ministry of Power Norms to CERC Norms even though it impacts the cash follows negatively.	
			The CERC methodology was adopted in the Company accounting package (SAP) during	

			FY 2020-21 and regular changes in the methodology affects adversely the asset base of the Company.	
8	28.1 (c)	The salvage value of the asset shall be considered at ten per cent of the allowable capital cost and depreciation shall be allowed up to a maximum of ninety per cent of the allowable capital cost of the asset. Provided that the generating entity or Licensee or SLDC shall submit certification from the Statutory Auditor for the capping of depreciation at ninety per cent of the allowable capital cost of the asset Provided further that the salvage value of Information Technology equipment and computer software shall be considered at zero per cent of the allowable capital cost.	i. Certificate from the Statutory Auditor for capping the depreciation at ninety per cent of the allowable capital cost of the assets may be submitted as per asset class wise. ii. The salvage Value of Information Technology equipment shall not be	regulation as below: i. Certificate from the Statutory Auditor for
9	28.5	Depreciation allowed for each year of the Control Period shall be deemed to be equal to the loan repayment, up to the ceiling of seventy five percent (75%) of asset cost or actual debt component used for funding such asset in case the debt funding is higher than seventy five percent (75%) of the asset cost: Provided that depreciation allowed for each year of the Control Period beyond seventy five percent (75%) of	Depreciation calculated for the year may not be equal to Loan repayment during the year, as the Life of the Asset considered for calculation of depreciation and period of Loan repayment are completely different. Therefore, Depreciation and the Loan repayment for the year may not be equal. The Hon'ble Commission hereby requested	Fixed Assets and Additions during the year on pro rata basis may be allowed in full as per useful life of the Capital Asset as per CERC rates of Depreciation.

		asset cost or actual debt Component used for funding such asset in case the debt funding is higher than seventy five percent (75%) of the asset cost, shall be utilised for reduction of equity during that year.	restricting to Loan repayment.	
10		Return on Equity Provided that in case of delay in submission of tariff/true-up filings by the generating entity or licensee or SLDC, as required under this Regulation, rate of RoE shall be reduced by 0.5% per month or part thereof.	levy the penalty as per the existing practice instead of reducing from ROE.	We request the Hon'ble Commission to amend the draft regulation in line with existing practice.
11	31 31.1	Interest and Finance Charges:	27.1 is contradictory to clause 21.1.(b) of the draft regulation. Hence, we request the	
12	31.10		heading.	Sharing of saving in interest due to re-financing or restructuring of loan (Heading) Provided also that the net savings in interest shall be calculated as an annuity for the term of the loan, and the annual net savings shall be shared between the entity and Beneficiaries in the specified ratio.

				Provided further that if refinancing is done and results in decrease in interest rate but negative saving due to higher refinance cost, then the refinance cost to be allowed to the extent of Net Present Value (NPV) of the saving from decrease in interest rate and deduction of refinance cost results into ZERO.
13	35 35.1		Commission.	The draft regulation may be amended to allow the existing practice.
	35.2	Penalties paid, if any, by the Generating Company or Licensee shall not be allowed as an expense for the Generating Company or Licensee.		

14	36	Delayed Payment Charge and Delayed Payment Surcharge		
	36.1	Delayed Payment Charge and Delayed Payment Surcharge 36.1 In case the payment of bills of generation Tariff by the Beneficiary is delayed beyond a period of 60 days from the date of billing, Delayed Payment Charge at the Base Rate as on 1st day of the respective billing month plus 150 basis points per annum on the billed amount shall be levied for the period of delay by the generating entity, notwithstanding anything to the contrary as may have been stipulated in the Agreement or Arrangement with the Beneficiaries.		Delayed Payment Charge and Delayed Payment Surcharge 36.1 In case the payment of bills of generation Tariff by the Beneficiary is delayed beyond a period of 60 days from the date of billing, Delayed Payment Charge at the Base Rate as on 1st day of the respective billing month plus 150 basis points per annum on the billed amount shall be levied for the period of delay by the generating entity, notwithstanding anything to the contrary as may have been stipulated in the Agreement or Arrangement with the Beneficiaries.
	36.2	Such Delayed Payment Charge earned by the generating entity shall not be considered under its Non-Tariff Income.		Such Delayed Payment Charge earned by the generating entity shall be considered under its Non-Tariff Income.
15	36.3	Tariff by the Beneficiary is delayed beyond a	consider receivable period and delayed payment charges in line with existing practice.	We request the Hon'ble Commission to amend the draft regulation by considering receivable period and delayed payment charges in line with existing practice.

16	36.4	Such Delayed Payment Charge earned by the transmission licensee shall be considered under its Non-Tariff Income.	Delayed payment Surchage shall not be	
17	36.5	is delayed beyond a period of 60 days from the date of billing, Delayed Payment Charge at the	allow present practice of delayed payment charges as per Regulation 1 of 2006 "if the fee and charges as the case may be are not paid by the due date(s), surcharge at the	
18		Operational Norms for Thermal Generating Stations Gross Station Heat Rate for existing coal-based thermal Generating Stations, except those	In line with CERC Regulations	Gross Station Heat Rate for existing coal-based thermal Generating Stations, except those covered
		thermal Generating Stations, except those covered under clause 44.5 shall be: MW 62.5 250 500 600 KCal/KWh 3000 2500 2450 2300		MW 62.5 250 500 600

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19	44.5	Gross Station Heat Rate for Coal based thermal power Generating Stations /Units achieving COD after 01.04.2019 shall be equal to 1.05 times the Design Heat Rate (kcal/kWh);	Gross Station Heat Rate for Coal based thermal power Generating Stations /Units achieving COD after 01.04.2019 shall be equal to 1.045 times the Design Heat Rate (kcal/kWh);	Proposed to modify the table in line with earlier TSERC Regulation 1 of 2019
		Provided that the Design Heat Rate shall not exceed the following maximum design Unit Heat Rates depending upon the pressure and temperature ratings of the Units: (Table)	rating has to be included on the top of the	Proposed to modify the table in line with earlier TSERC Regulation 1 of 2019
20	46.5 46.5	Computation and Payment of Capacity Charges and Energy Charges for Thermal Generating Stations Adjustment of ECR on account of variation in price or heat value of fuels Any variation in Price and Gross Calorific Value of coal or liquid fuel as received less stacking loss of 85 kcal/kg vis-a-vis approved values shall be adjusted on month to month basis on the basis of average Gross Calorific Value of coal in stock received and weighted average landed cost incurred by the Generating Company for procurement of coal, or oil as the case may be for a generating station: Provided further that the Generating Company	The Gross Calorific Value of as received/ as fired for liquid fuel are same Hence, As received less 85 Kcal/kg does not apply to liquid fuel as per CERC Regulations. Further, the form-15 has to be Annexed.	Adjustment of ECR on account of variation in price or heat value of fuels Any variation in Price and Gross Calorific Value of coal as received less stacking loss of 85 kcal/kg or liquid fuel vis-a-vis approved values shall be adjusted on month to month basis on the basis of average Gross Calorific Value of coal in stock as received and weighted average landed cost incurred by the Generating Company for procurement of coal, or oil as the case may be for a generating station:
		shall provide to the Beneficiaries of the		Provided further that the Generating Company shall provide to the Beneficiaries of the generating

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		generating Station, the details of parameters of GCV and price of fuel for each type of fuel, i.e., domestic coal, imported coal, e-auction coal, liquid fuel, etc., as per the forms prescribed by the Commission:		Station, the details of parameters of GCV and price of fuel for each type of fuel, i.e., domestic coal, imported coal, e-auction coal, liquid fuel, etc., as per the forms prescribed by the Commission (Form to be enclosed as Annexure):
21	C	Incentive		
	46.6	paise/kWh for actual energy generation in	46.3 of TSERC draft Regulation 2023, (ii)	Incentive shall be payable at a flat rate of 50.0 paise/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor
22	68	Applicability (Transmission)		
	68.3	All the new intra-State transmission systems costing above a Threshold Limit of Rs. 300 Crore shall be developed through Tariff Based Competitive Bidding in accordance with the guidelines issued by the Central Government under Section 63 of the Act.	Hon'ble TSERC encourages private participation in Transmission sector which may lead to Privatisation of Public Sector	
23	71	Operation and Maintenance expenses(Transmission)		
	71.2	Operation and Maintenance expenses O&Mn = EMPn + R&Mn + A&Gn EMPn = (EMPn-1) x (CPI Inflation); R&Mn = K x (GFAn) x (WPI Inflation) and A&Gn = (A&Gn-1) x (WPI Inflation)	kindly consider that the Employee cost calculation given in the draft regulation	We request the Hon'ble Commission to amend the draft regulation to allow actual employee cost incurred along with employee terminal benefits for the purpose of Aggregate Revenue Requirement.

			terminal benefits etc.	
			In this regard we request the Hon'ble	
			Commission to allow Actual Employee	
			costs incurred along with terminal	
			employee benefits for the purpose of	
			Aggregate Revenue Requirement.	
24	71.3	Operation and Maintenance expenses	Clarification is required in arriving in value	
		O&Mn = EMPn + R&Mn + A&Gn	of K (Constant factor) for determining	
		$EMPn = (EMPn-1) \times (CPI Inflation);$	Repairs and Maintenance cost included in	
		$R&Mn = K \times (GFAn) \times (WPI Inflation)$ and	O&M Expenses.	
		$A\&Gn = (A\&Gn-1) \times (WPI Inflation)$	-	
25	71.4		W	W
25	71.4			We request the Hon'ble Commission to amend the
		considered as actual expenses at the time of		draft regulation to consider the Provisions as
		true-up, and only expenses as actually incurred		expenses/ revenue in Aggregate Revenue
		shall be considered.		Requirement, as the Transmission Corporation is
			Corporation is following Mercantile system	following Mercantile system of Accounting.
			of Accounting.	
26	PART X	SLDC CHARGES		
	95	Applicability		
	05.1	The provisions contained in this Port shall	Pagistration for Application for and	We request the Hon'ble Commission to allow the
	73.1	apply in determining the SLDC Charges to be		Lancard Co. 1771 Co.
				proposal to amend the Clause with applicability of
		levied by the SLDC after 01.04.2024.	per the GST Act.	rules as per GST Act.
	95.2	The generating companies, distribution		
	75.2	licensees and trading licensees intending to get		
		connected to the State Grid after 01.04.2024		
		shall be required to register themselves with		

27	08	SLDC on payment of Rs.1000/- per generating station (irrespective of the installed capacity) as Registration fee. SLDC shall devise an application format for the same before 01.04.2024 and publish the same on its website. Operation and Maintenance		
21	96	expenses(SLDC)		
	98.3	year; • CPI Inflation – is the point to point change in	calculation given in the draft regulation considers only to the extent of DA increase, but not Annual Grade Increment, Special Grade Increments and employee	We request the Hon'ble Commission to amend the draft regulation to allow actual employee cost incurred along with employee terminal benefits for the purpose of Aggregate Revenue Requirement.
		• WPI Inflation – is the point to point change in the Wholesale Price Index (WPI) as per the Office of Economic Advisor of Government of	is stated as Opening Gross Fixed Assets of the generating station for the nth year. In	We request the Hon'ble Commission to consider actual Repairs and Maintenance cost incurred.
		India; • GFAn - Opening Gross Fixed Asset of the generating station for the nth year; • "K" is a constant specified by the Commission in %. Value of K for each year of	projection of R&M COST is silent, in case WPI Inflation index is negative.	

			I) The WPI Inflation Index for the projection of ADM&G Exp, is silent in	We request the Hon'ble Commission to consider actual Administrative and General Expenses incurred.
28	98.4	considered as actual expenses at the time of	consider the Provision of Expenses also in Aggregate Revenue Requirement, as the	We request the Hon'ble Commission to consider the Provision of Expenses in the Aggregate Revenue Requirement, as the Transmission Corporation is following Mercantile system of Accounting.

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29	100	SLDC Charges	CERC notified Connectivity and General	Hence, it is requested to add a clause to determine
				the rate of SLDC Operating Charges in Rs. per day
	100.1			per transaction payable by the transmission system
				users for T-GNA transactions for levying on inter-
			come into effect from 01.10.2023.	state transactions.
			Until now, the SLDC Operating charges for	
			Inter-state STOA transactions are being	
		(iv	collected at Rs.1000 per day per transaction	
			irrespective of quantum of power as per the	
			earlier CERC (Open Access in Inter-State	
			Transmission) Regulation-2008, which has	
			been repealed upon implementation of	
			GNA Regulations-2022. The present draft	
			regulation is specifying charges for only	
			intra-state transactions in the form of	
			Rs./MW/Month.	
			Hence, it is requested to add a clause to	
			determine the rate of SLDC Operating	
			Charges in Rs. per day per transaction	
			payable by the transmission system users	
			for T-GNA transactions for levying on	
			inter-state transactions.	
30	101.2	The monthly bill for SLDC Charges shall be	The monthly bill for SLDC Charges shall	It is proposed to amend the Clause No.101.2.
		payable within thirty days of receipt of bill.	be payable within 30 Days for Discoms and	
			15 Days for Open Access Consumers.	
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