TSSPDCLResponse on Stakeholder Comments for "Draft Amendment for General Terms & Conditions of Supply (GTCS)"

1. Response to Agarwal Foundries:

S. No.	Existing Regulation (GTCS Consolidated)	Draft Amendment GTCS 2022 (New)	Comme	nts from Agarwal Foundries	Response by TSSPDCL
1	NA	In case of consumer categories, for whom the	Levying the tariff as per the actua	l supply voltage	
		voltage-wise tariff is applicable, the Company shall levy the tariff as per the actual supply voltage.		ff Order of FY 2022-23 which specifies the voltage vail HT supply for different levels of CMDs is	
			The voltage at which supply has to	o be availed by:	
			i. HT Consumers seeking to avail contracted Demand with the licen	of supply on common feeders shall be: For total sees and all other sources.	
			Up to 1500 kVA	11 kV	
			1501 kVA to 5,000 kVA	33 kv	
				32 kV or 220 kV as may be ecided by Licensee	
			ii. HT Consumers seeking to avail of supply through independent feeders from the		
			substations where transformation contracted Demand with the lices	to required voltage takes place shall be: For total nsees and all other sources.	
			Up to 2500 kVA	11 kV	
			2501 kVA to 10,000 kVA	33 kV	
			Above 10,000 kVA	132 kV or 220 kV as may be decided by Licensee	
				ages for extending supply based on CMD for t not the tariff chargeable at those CMDs.	
			The Tariffs determined in the Tariff orders of Hon'ble Commission under HT Categories are 'Voltage wise tariffs' and not 'demand wise tariffs', it can be seen from the table 6.20 of RST:		

	Table 6.20: Retail Supply Tariff Schedule for FY 2022-23			
		Fixed/Dem (Rs/KVA		Energy Charge (Rs/Unit)
	Category	Unit	Rate	SPDCL
	HT I(A) Industry General			

11 kV

33 kV

132 kV and above

Therefore, the DISCOMs should charge the tariff as per the voltage wise Tariffs determined in the Retail Supply Tariff orders even for the existing consumers connected at 132kV/33kV level and Derated their load below 1500KVA.

kVA

kVA

kVA

475

475

475

7.65

7.15

6.65

The proposed sub-clause may be modified as given:

"The DISCOM shall levy the tariff as per the applicable/ specified voltage as per GTCS and NOT as per the actual supply voltage".

Deration of Contracted Demand shall be allowed upto minimum of the Contracted Demand of the actual voltage availed by the consumer.

2. Response to GMR Hyderabad International Airport Ltd.:

S. No.	Existing Regul Consolid		Draft Amendment G	ΓCS 2022 (New)	Com	ments from GMR Hyderabad		Response by TSSPDCL
1	HT consumers intensupply through indefrom substation. For total Contracted applicants seeking Findependent feeders stations, with the Coother sources like A Hydel, Wind Power, Generating Plants et	Demand by IT supply through from the sub- ompany and all PGPCL, Mini , MPPs, Co-	HT consumers intending to through independent feeder. For total Contracted Dema Company and all other soon APGPCL, Mini Hydel, W. Co-Generating Plants etc. Contracted Demand Upto 3000 kVA 3001 kVA to 5000	ers from substation. and with the urces like ind Power, MPPs,		tracted Demand for Dedicated feed tracted demand are being propose TCS Voltage Level 11 KV 33 KV 132 KV or 220 KV	_	
	Contracted Demand Upto 2500 kVA 2501 kVA to 10000 kVA Above 10000 kVA	Voltage level 11 kV 33 kV 132 kV or 220 kV	5001 kVA to 3000 kVA 5001 kVA to 20000 kVA Above 20000 kVA	33 kV or 132 kV 132 kV and above	Draft Amendment to Clause 3.2 Contracted Demand Up to 3000 kVA 3001 kVA to 5000 kVA 5001 kVA to 20000 kVA Above 20000 kVA it may be kindly noted that ded well as DISCOMs in terms of cominimal fosses and ease in energy that the state of State Power Utilities reputed institutions and industrial	2.2.2 as provided by the Hon'ble Voltage level 11 kV 33 kV 33 kV or 132 kV 132 kV and above icated feeders are mutually bene operational feasibility, efficient p	eficial to consumer as sower distribution with proactive policies and power 24*7, many	
						ry institution/facility/industry av nd unique in respect to their requ		

voltage levels, which purely depend on their operational requirements. Our Sate is attracting investments in areas of Manufacturing. Pharma, Infrastructure projects, Data Centres, SEZs, major Indusial Parks etc. such as Pharma City, NMIMZ, textile Park, Food Processing Parks etc.

In view of the above, flexibility should be given to consumers availing dedicated feeders for choice of their voltage level without stressing on threshold levels of contracted demand as far as possible, which is also a practise in other progressive sates.

Hence, we request Hon'ble State Commission to permit the consumers availing dedicated feeder to opt for next higher voltage of supply, based on his requirements. Even though the contracted demand is less than the specified limit as being proposed now.

Approvals shall be given for the Contracted Demands strictly as per the voltage levels specified in GTCS for prospective consumers without any deviations.

"In case of Consumer categories, for whom the voltages-wise tariff is applicable, the Company shall levy the tariff as per the applicable specified voltage and NOT as per the actual supply voltage".

Deration of Contracted Demand shall be allowed upto minimum of the Contracted Demand of the actual voltage availed by the consumer.

Our Suggestion for amendment to Clause 3.2.2.2:

Contracted Demand	Suggested Voltage Level	Remarks
Up to 3000 kVA	11 kV or 33 kV	Consumer shall be allowed to for 33 KV based on his requirement and availability of infrastructure nearby,
3001 kVA to 5000 kVA	33 kV	
5001 kVA to 20000 kVA	132 kV/220kV	Consumer shall be allowed to for 220 KV based on his requirement and availability of infrastructure nearby,
Above 20000	132 kV & above	

HT consumers intending to avail supply through independent feeders from

substation: For total Contracted Demand with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc shall be:

The table for the contracted demand and voltage level may be modified as given below:

Contracted Demand	Voltage
	level
Upto 3000 kVA	11 kV
3001 kVA to 10000 kVA	33 kV
10001 kVA to 20000	33 kV or
kVA	132 KV or
	above
20000 kVA and above	132 kV or
	above

2	NA	In case of consumer categories, for whom the voltage-wise tariff is applicable, the Company shall levy the tariff as per the actual supply voltage.	a) More clarity shall be provided on sub clause vi. of 3.2.2.3 which is reproduced below vi. In case of consumer categories, for whom the voltage-wise tariff is applicable, the Company shall levy the tariff as per the actual supply voltage. The term "actual supply voltage" shall he more elaborated to avoid ambiguity in certain scenarios for existing consumers such as:	"The DISCOM shall levy the tariff as per the applicable/ specified voltage as per GTCS and NOT as per the actual supply voltage".
			 Assuming that there is an existing consumer having contracted demand of 2000 kVA 33 kV voltage (as per prevailing GTCS). Under the proposed amendment to GTCS, this consumer will fall under supply at 11 kV. The Commission may kindly note that the consumer has incurred infrastructure cost for 33 kV level Feeder as per previous GTCS conditions. If the consumer is billed at 11 kV as per the contracted demand under proposed GTCS, then consumer will be ending up paying for 11 kV voltage inspite of availing actual supply at 33 kV level. Hence, the sub-clause vi of 3.2.2.3 may be suitably amended or clarification may be provided to remove the ambiguity. 	
			vi. In case of consumer categories for whom the voltage wise tariff is applicable, the Company shall levy the tariff as per their actual connected voltage. Further for the existing consumers whom the voltage wise tariff is applicable the company shall levy the tariff as per their existing actual connected voltage. b)Further, the following additional clauses may be added: viii. Supply to consumers at voltage higher than the limit specified above, should continue and in case their requirement increases, shall be allowed to continue at the that voltage level or shift to the next higher voltage level as consumer requirement. ix. Supply to existing consumers at voltage lower than the limit specified above, shall continue and in case their load requirement increases, the above specified load limit will be applicable.x. The licensee may, depending upon the technical conditions of the distribution system, give supply at a voltage and phase other than the classification of supply in clause 3.2.2.1 or 3.2.2.2 of this Code, subject to the commission's approval.	"For the existing consumers, the DISCOM shall levy the tariff as per the applicable/ specified voltage as per previous GTCS and NOT as per the actual supply voltage".

3. Response to Sitaram Spinners Private Limited (SSPL):

S. No.	Existing Regulation (GTCS Consolidated)	Draft Amendment GTCS 2022 (New)	Comments from SSPL	Response by TSSPDCL
1	HT consumers intending to avail supply on common feeders: For total Contracted Demand with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc: Contracted Voltage level Demand Upto 1500 kVA 11 kV 1501 kVA to 33 kV 5000 kVA Above 5000 132 kV or 220 kV as may be decided by the Company	HT consumers intending to avail supply on common feeders: For total Contracted Demand with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc: Contracted Demand Voltage level Upto 1500 kVA 11 kV 1501 kVA to 2500 kVA 11 kV or 33 kV 2501 kVA to 5000 kVA 33 kV 5001 kVA to 10000 kVA 33 kV or 132 kV Above 10000 132 kV and above	common feeders: Common feeders at 132kV level are not available in Telangana. The	withdrawn. Further, it can be retained as it was originally in consolidated GTCS. Hence no Changes shall be made to the existing Contracted maximum demands Vs Voltage levels on common feeders due to multiple reasons such as huge

2

HT consumers intending to avail supply through independent feeders from substation.

For total Contracted Demand by applicants seeking HT supply through independent feeders from the substations, with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc shall be:

Contracted Demand	Voltage
Upto 2500 kVA	11 kV
2501 kVA to 10000 kVA	33 kV
Above 10000 kVA	132 kV

HT consumers intending to avail supply through independent feeders from substation.

For total Contracted Demand with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc shall be:

Contracted Demand	Voltage level
Upto 3000 kVA	11 kV
3001 kVA to 5000	33 kV
kVA	
5001 kVA to 20000	33 kV or 132
kVA	kV
20000 kVA and	132 kV and
above	above

2. Clause 3.2.2.2 HT consumers intending to avail supply through dedicated feeders

As per the draft amendment, the consumers having contracted demand 5001 KVA and above can opt for supply connection at 33kV or 132kV level through independent feeder. The below provision may be added

"The existing consumers at 33kV level having CMD of 5001 KVA and above may opt for 132kV network"

It will however be subject to feasibility and contribution of cost of extension by the consumer as per GTCS and as per the Regulations of the Hon'ble Commission. The DISCOMs should freely allow the consumer to choose the supply voltage level at least in case of dedicated feeder as the entire cost of the line and associated cost shall be borne by the consumer.

Voltage wise cost of supply for HT Cat-IA for FY 2022-23 are as below

Table 5-1 of Tariff order cost of service for FY 2022-23 (Rs/kwh)

HT-IA	Claimed		Approved		
Consumer Category	SPDCL	NPDCL	SPDCL	NPDCL	STATE
11 kV	6.78	5.88	7.64	9.13	7.9
33 kv	5.82	5.37	5.76	5.96	5.77
132 kV	5.29	4.96	5.01	5.29	5.05

It may please be seen that the cost of supply at 132kV level is lesser by Rs. 0.75 /unit w.r.t. cost of supply at 33kV.

Therefore, the Hon'ble commission through its rules/Regulations shall ensure the power supply at higher voltages in the interest of efficient transmission & distribution of electricity and in the overall interest of efficient use of energy.

HT consumers intending to avail supply through independent feeders from substation may be modified as follows.

For total Contracted Demand with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc shall be

The table for the contracted demand and voltage level may be modified as given below:

Contracted Demand	Voltage level
Upto 3000 kVA	11 kV
3001 kVA to 10000 kVA	33 kV
10001 kVA to 20000 kVA	33 kV or 132 kV or higher
20000 kVA and above	132 kV or higher

Approvals shall be given for the Contracted Demands strictly as per the voltage levels specified in GTCS for prospective consumers or existing consumers who desire to modify their CMD with appropriate voltages as specified above without any deviations.

4. Response to Mr. S.Surya Prakasa Rao:

S. No.	Existing Regulation (GTCS Consolidated)	Draft Amendment GTCS 2022 (New)	Comments from Mr. S. S. Rao	Response by TSSPDCL
1	NA	The company will extend the power supply capacities subject to technical feasibility	1. The relevant parameters to be considered for technical suitability mentioned in 3.2.2.3 (i), may be specified in the form of tables as done in APERC proceedings dt.6-1-2016 in a similar matter.	No Comment
2	NA	In case of consumer categories, for whom the voltage-wise tariff is applicable, the Company shall levy the tariff as per the actual supply voltage.	2. It is presumed that as per clause 3.2.2.3 (vi), if a H.T consumer with CMD below 1500 kva who has to avail supply at 11kv, actually avails supply at 33kv, he will be charged tariffs applicable for 33 kv supply. In the event, it's desirable to modify the clause suitably to convey the meaning that such of the consumers who avail supply at a voltage higher than the specified voltages with specific approval of Discoms, will be charged on the basis of actual supply voltage. This will automatically cover the deterrents for availing supply at a lesser voltage as per the conditions of the relevant Tariff Order apart from the normal tariff applicable for actual supply voltage.	Approvals shall be given for the Contracted Demands strictly as per the voltage levels specified in GTCS for prospective consumers or existing consumers who desire to modify their CMD with appropriate voltages as specified in GTCS without any deviations.
3	NA	NA	3. The concept of 'express feeders' brought in by APERC in its proceedings dt.11th June 2017 may also be considered with lesser complexities, so to facilitate development of industrial clusters wherever there's potential.	No Comment

5. Response to The Hindu Newspaper:

S. No.	Existing Regulation (GTCS Consolidated)	Draft Amendment GTCS 2022 (New)	Comments from The Hindu	Response by TSSPDCL
1	HT consumers intending to avail supply through common feeders from substation. For total Contracted Demand by applicants seeking HT supply through independent feeders from the sub-stations, with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc shall be: Contracted Voltage level Demand Upto 1500 kVA 11 kV 1501 kVA to 33 kV 5000 kVA Above 5000 132 kV or 220 kVA kV as may be	HT consumers intending to avail supply through common feeders from substation. For total Contracted Demand with the Company and all other sources like APGPCL, Mini Hydel, Wind Power, MPPs, Co-Generating Plants etc shall be: Contracted Demand Upto 1500 11 kV kVA 1501 kVA to 2500 kVA 2501 kVA to 33 kV 5000 kVA	The Hindu Newspaper: We are using the 33 KV power supply from 2004 onwards with two sources of Supply as per the Memo No. T.O.O Ms. No.357 Dt.25-10-1999 of CPDCL As per the Memo No. T.O.O Ms. No.357 Dt.25-10-1999 of CPDCL, we are coming. under 33 KV power Grid. Since we are media industry and need uninterrupted power supply to print the Newspaper on daily basis, we invested to set up the 33 KV HT Yard infrastructure with the changeover facility to receive the 2 sources (33KV UPL NGRI FDR from 132KV M'ALI SS and 33KV IDA UPL FDR- from 132KV B'GUDA SS) of 33 KV power supply during our Press installation in the year 2004. Hence, we request you to retain the Energy	It is not feasible to supply of 1501 KVA to 2500 KVA contracted demand at 11 KV and 5,001 KVA to 10,000 KVA contracted demand at 33 KV on common/mixed/express feeders. Hence, the proposed change in the sub-clause 3.2.2.1/3.2.2.3 may be dropped/withdrawn. Further, it can be retained as it was originally in consolidated GTCS. No Changes shall be made to the existing Contracted maximum demands Vs Voltage levels on common feeders due to multiple reasons such as huge power supply interruptions, significant expenditure, longer time required for replacement of conductor, change of insulators, cross arms, structures (Poles, Towers) wherever required, erection of intermediate poles, etc.
	decided by the Company	5001 kVA to 33 kV or 132 kV 10000 kVA Above 10000 132 kV and above KVA	cost as per the 33 KV supply and waive off the shortfall amount for the past bills.	