सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कारपोरेशन ऑफ इण्डिया लिमिटेड के स्वामित्व में) (भारत सरकार का उदयम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly Owned Subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref No.: CTU/GNA/2022

Date: 25.02.2022

To

The Secretary
Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building,
36, Janpath, New Delhi- 110001

Subject: Draft Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2021

Dear Sir,

This has reference to the CERC public notice no. L L-1/261/2021/CERC dated 16.12.21 inviting comments on the Draft Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2021.

Towards this, the general and para-wise comments on the Draft Regulations are enclosed at Annexure-A.

Thanking you,

Yours faithfully,

(P C Garg) COO (CTU)

Encl: As above

1. Definition of Associated Transmission System (ATS):

- The Draft GNA regulation defines ATS as
 - '6.2. Any augmentation required, excluding terminal bay(s), to the existing ISTS identified under Regulation 6.1 of these regulations, shall be considered as the Associated Transmission System (ATS) for the Applicant(s).'
 - 6.1. On receipt of applications for grant of Connectivity, the Nodal Agency shall carry out interconnection study as specified in the CEA Technical Standards for Connectivity along with requirement of augmentation to the existing ISTS, if any, for enabling transfer of power over ISTS under General Network Access:

Provided that the existing ISTS for the purpose of this Regulation shall include transmission system which has been awarded for implementation, as on the last day of the month in which application for grant of Connectivity complete in all respects, has been received:

Provided further that if any additional transmission system gets awarded for implementation before completion of interconnection study, such additional transmission system shall also be considered as existing ISTS.

- As per Transmission Planning Rules, 2021, the Connectivity System shall be treated as-
 - "4.0. Connectivity (5): The costs of the connectivity system to the network shall be borne by connecting entity and the costs of strengthening of the system shall be a part of system cost and recovered in tariff."
- Further, SI No 4.1(v) of MoM by MoP dated 08.11.2021, states that-

'New ISTS system will be planned and developed based on demand assessment without linking with LTA requirement. There will be no distinction of Generation linked (network expansion) and System strengthening schemes.'

Defining part of ISTS as ATS for individual generation project is very difficult:

- ICTs at a particular pooling station are shared by all the generation projects connected at
 that pooling station. Further the ICTs have standard capacity (say 500MVA 400/220kV,
 1500MVA 765/400kV etc) which mostly do not match with the capacity of individual
 generation project. In that case, identifying ICT(s) for a particular capacity of generation
 project is difficult.
- Generation granted with a particular ATS (Say ICTs) may be operationalized with part or existing system.
- In some cases, high capacity transmission system is planned right from the generation switchyard. Defining this as ATS would have huge burden on the Generation Project.
- As per draft GNA Regulation, "ATS" for an applicant is the augmentation to the existing ISTS for enabling transfer of power over ISTS under GNA. This may lead to "big ATS" for one generation project (corresponding to new ISTS augmentation system), whereas "Nil or negligible ATS" for other generation project (if new augmentation system has already been awarded) seeking connection at same location.

Proposal:

In order to remove the above discrepancy and also the fact that apart from the dedicated line along with terminal bays at either end, all ISTS augmentation is a part of common strengthening system, it is proposed to define the ATS and Network Expansion as following in line with the requirement of Connectivity System as per Transmission Planning Rule, 2021:

• ATS(Proposed): Transmission system connecting the generation project to the ISTS point.

This will include the Generation End Pooling Station/Bay, Dedicated Transmission Line (DTL) and respective bay at ISTS Station and the same would be in the scope of Generation Project Developer.

Network Expansion/System Strengthening: Transmission system other than proposed ATS.

2. Connectivity Bank Guarantees:

 The Draft GNA regulations envisage the Applicant to furnish the Connectivity Bank Guarantees as per below-

(a) For Connectivity with Existing ISTS System

Connectivity Bank Guarantee in three parts- Conn-BG1 amounting to Rs. 50 lakhs, Conn-BG2 towards terminal bay(s) on the basis of number of terminal bay(s) and Conn-BG3 @ Rs. 2 lakh/MW, for the existing ISTS

(b) For Connectivity where Network Expansion is required-

Connectivity Bank Guarantee in two parts-Conn-BG1 amounting to Rs. 50 lakhs and Conn-BG2 equal to estimated cost of ATS and terminal bay(s)

Regulation 6 of Draft GNA Regulations defines the existing ISTS. as following-

"The existing ISTS for the purpose of this Regulation shall include transmission system which has been awarded for implementation, as on the last day of the month in which application for grant of Connectivity complete in all respects, has been received"

As explained at SI. No 1 above, Generators connecting at the same location may have different ATS and therefore different bank guarantee which may have different cost implication for the Generators connected to the same ISTS point and having same network expansion. Further, the generators may not be knowing their liabilities corresponding to the Bank Guarantees upfront before bidding. This may constraint level playing field for the different Generators at the same ISTS point.

Proposal:

In order to streamline the Requirement of Bank Guarantees, it is proposed to have a Single Bank Guarantee of **Rs 2 lakhs/MW** for all the cases.

3. Treatment of Connectivity Bank Guarantee

- The treatment of Connectivity Bank Guarantees in line with Draft GNA shall be as per below-
 - '16.1. Conn-BG1 shall be returned within 30 days of declaration of commercial operation of full capacity by the Connectivity grantee.
 - 16.2. Conn-BG2 and Conn-BG3 shall be returned in five equal parts over five years corresponding to the generation capacity which has been declared under commercial operation by the Connectivity grantee.
 - 16.3. In case of non-payment of transmission charges under Regulation 13 of the Sharing Regulations for more than 3 months from the due date, such transmission charges shall be recovered by encashing Conn-BG1 (if subsisting), Conn-BG2 and Conn-BG3, as required. Connectivity shall be revoked from the date when Conn-BG2 is not sufficient to cover transmission charges under Regulation 13 of the Sharing Regulations'

Proposal:

- The treatment of Bank Guarantee has to be aligned with the Requirement of Bank Guarantee(s) as proposed in SI No 2 above.
- Following Treatment of Connectivity Bank Guarantee is proposed-
 - '16.1. Upon the declaration of commercial operation for the full installed capacity by the connectivity grantee/ Connectivity effectiveness of Bulk Consumers & Distribution Licensee seeking GNA, the Conn BG shall be returned within a period of 02 months thereafter.

In case of any delay in Commercial operation from its earlier stated SCOD/revised SCOD as approved by Competent Authority/ Connectivity effectiveness of Bulk Consumers & Distribution Licensee seeking GNA, the connectivity grantee shall be liable to pay an amount of Rs 7500/ MW /week or part thereof subject to the Upper Cap of total Conn-BG amount.

This amount payable on account of delay shall be deposited within 01 month of COD or six months from the SCOD (Whichever is earlier) for the delayed period failing which the amount shall be recovered from the encashment of Conn BG and balance BG amount, if any, shall be returned within 01 month of encashment.

- 16.2. The proceeds of encashed Conn-BG in terms of Regulation 16.1, shall be adjusted in Monthly Transmission charges under the Sharing Regulations.'
- A unit charge approach is proposed for liability against the bank guarantees (Rs 7500/MW/Per Week charge obtained by considering Rs 2 Lakh/MW BG as proposed at SI No 2 and a period of 06 month approximately). This approach simplifies the treatment of Bank Guarantee and align it to the proposals at SI No 1 & 2. This will also facilitate the developer to estimate the implication of delayed Commissioning with respect to SCOD.

4. Alignment Exercise may not be necessary for Agreements

- i. All commercial agreements have been removed by Hon'ble CERC. Only prescribed agreement for CTU is Connectivity Agreement (under Regulation 10) which is also a technical agreement and a non-commercial one.
- ii. However, in provisions relating to 'Arrangement for Transition', following agreements have been prescribed for "alignment" in terms of GNA Regulations:
 - a. 37.2(f) prescribes that "On furnishing of Conn-BG1, Conn-BG2 and Conn-BG3 under clause (e) of this Regulation, existing agreements between the entity and the Nodal Agency shall be aligned with provisions of Regulation 10.3 of these regulations ."
 - b. 37.3(2)(e) and 37.2(3)(e) prescribes w.r.t. existing LTA Agreement that "existing agreements between the entity and the Nodal Agency shall be aligned in line with provisions of these regulations."
 - c. 37.4(e) prescribes that "existing (MTOA) agreements between the entity and the Nodal Agency shall be aligned in line with provisions of these regulations."
 - d. 43.3(d) prescribes that "All the agreements executed under the repealed regulations shall be aligned with these regulations within 30 days of notification of these regulations."

iii. It may be noted that:

- a. No requirement for execution of fresh agreements has been prescribed for grant of GNA (under Regulations 17 to 23) or Connectivity (under Regulations 10 to 16 under Regulations 10 to 16).
- b. This means that in cases of all fresh grants, "the grant intimation" is a self-contained instrument which covers the requirements of both <u>intimation + agreement</u> under the old regime.
- c. Thus, it may be advisable to avoid the alignment-exercise for old grants of LTA, MTOA, Connectivity.

Proposal:

- a. Only revised intimation (suitably detailed) may be issued for the purposes of alignment.
- b. The revised intimations and acceptance thereof shall subsume the previous intimations as well as agreements and shall be individual self-contained documents for all regulatory, commercial and legal purposes.

5. Provision for Charges in case of Surrender

The word "relinquishment" may be supplemented with "surrender". Further, the levy of charges in case of such "surrender" may be classified as "transmission charges equivalent" of a fixed period e.g. 60 months in line with CERC Order dated 08.03.2019 in Petition No. 92/MP/2015 (Para 99 @pg. 124 of 177).

6. Key Observations/Amendments proposed in the Draft GNA Regulations are given below:-

Clause	Description as per Draft GNA	Observations/Suggestions
2. Definition 2.1(b)	"Associated Transmission System" or "ATS" for Applicant(s) for Connectivity means the ATS as determined in accordance with Regulation 6 of these regulations;	 Defining part of ISTS as ATS for individual generation project is difficult: ICTs at a particular pooling station are shared by all the generation projects connected at that pooling station. Further the ICTs have standard capacity (say 500MVA 400/220kV, 1500MVA 765/400kV etc) which mostly do not match with the capacity of individual generation project. In that case, identifying ICT(s) for a particular capacity of generation project is not possible. Generation granted with a particular ATS (for example ICTs) may be operationalized with part or existing system. In some cases, high-capacity transmission system is planned right from the generation switchyard. Defining this as ATS would have huge burden on the Generation Project. As per draft GNA Regulation, "ATS" for an applicant is the augmentation to the existing ISTS for enabling transfer of power over ISTS under GNA. This may lead to "big ATS" for one generation project (corresponding to new ISTS augmentation system), whereas "Nil or negligible ATS" for
		to the existing ISTS for enabling transfer of power over ISTS under GNA. This may lead to "big ATS" for one generation project (corresponding to
		Our Suggestion: The connectivity system to be divided in two parts- ATS and Network Expansion.
		ATS: Transmission system connecting the generation project to the ISTS point.

		This will include the Generation End Pooling Station/Bay, Dedicated Transmission Line (DTL) and respective bay at ISTS Station and the same would be in the scope of Generation Project Developer.
		Network Expansion/System Strengthening: Transmission system
		other than ATS.
2.	"RLDC Fees and Charges Regulations" means Central	As per Clause 5 (9) of Transmission Planning Rules, 2021, the Central
Definition	Electricity Regulatory Commission (Fees and Charges of	Commission shall bring out Regulation on fees and charges for Central
2.1(aj)	Regional Load Despatch Centre and other related matters)	Transmission Utility to carry out the statutory functions as per provisions of the
	Regulations, 2019;	Act, and rules, regulations made there under.
		Suggestion:- definition clause may be broadened to include Fees and
		Charges Regulations for CTU.
2.		New Insertions:
Definition		(ja)Central Electricity Authority (Technical Standards for Communication
2.1		System in Power System Operations) Regulations, 2020.
		(jaa) CEA (Cyber Security in Power Sector) Guidelines, 2021
Chapter3	Connectivity	Wherever Connectivity is referred under the subject GNA regulations, it should
	,	be replaced by 'Connectivity for GNA'
		Comment: Under existing Connectivity Regulations, Connectivity does
		not guarantee evacuation of firm power and only Interconnection with
		the ISTS grid is envisaged. However, under subject GNA regulations,
		Connectivity enables transfer of power. This proposed reference will
		give clarity in the definition of Connectivity.

3.4	An auto-generated acknowledgement for receipt of	To be Amended as:
	application bearing date and time of application shall be	An auto-generated acknowledgement for receipt of application bearing date
	issued to the Applicant and a copy thereof shall be displayed	and time of application shall be issued to the Applicant. and a copy thereof
	on the website of the Nodal Agency.	shall be displayed on the website of the Nodal Agency.
3.5	After scrutiny, the Nodal Agency shall intimate the	To be Amended as:
	deficiencies, if any, in the application for grant of Connectivity	After scrutiny, the Nodal Agency shall intimate the deficiencies, if any, in
	or grant of GNA, to the Applicant within one week of the	the application for grant of Connectivity or grant of GNA, to the Applicant
	receipt of application, in order of date and time of receipt of	within one week of the receipt of application upto 2400hrs of the last day of
	application. The Applicant shall rectify the deficiency within	the week, in order of date and time of receipt of application. The Applicant
	one week thereafter, failing which the application shall be	shall rectify the deficiency within one week thereafter upto 2400hrs of the
	closed and 20% of the application fee shall be forfeited.	last day of the week and submit application complete in all respect with
	Balance 80% of the application fee shall be refunded by the	supporting documents, failing which the application shall be closed and
	Nodal Agency to the Applicant within 15 days of closure of the	20% of the application fee along with applicable taxes shall be forfeited.
	application.	Balance 80% of the application fee alongwith applicable taxes shall be
		refunded by the Nodal Agency to the Applicant within 15 days of closure of
		the application. If the rectified application is received from the applicant
		after 24:00 hrs of the last day of the month in which application is made,
		application shall be deemed to have been made in subsequent month
		and shall be processed accordingly.
3.7		To be Amended as:
	Provided that if any application is withdrawn after the in-	
	principle grant of Connectivity or grant of GNA, such	
	,	

	and above applying for grant of Connectivity to ISTS through	REGS or standalone ESS with an installed capacity of 5 MW and above
4.1 e	REGS or standalone ESS with an installed capacity of 5 MW	To be Amended as:
4.4	DECO and the delega ECO with an installed as 11 (EAN)	alongwith applicable taxes shall be forfeited.
		Provided further that if any application is closed by Nodal Agency in line with the provision of Regulation 8.0, 100% of the application fee
		applicable taxes shall be forfeited.
		days from the date of withdrawal and 100% of the application fee alongwith
		by the Nodal Agency and intimated to grantee applicant within a period of 15
		Connectivity or grant of GNA, such grant application shall be revoked closed
		Provided that if any application is withdrawn after the in-principle grant of
		be forfeited.
		days of withdrawal of the application and 100% of the application fee shall
		taxes shall be refunded by the Nodal Agency to the Applicant within 15
		be forfeited. Balance 50% of the application fee alongwith applicable
		regulations, 50% of the application fee alongwith applicable taxes shall
		regulations or grant of GNA in terms of Regulation 22 of these
	the application fee shall be forfeited.	the in-principle grant of Connectivity in terms of Regulation 7 of these
	period of 15 days from the date of withdrawal and 100% of	withdrawn/applicant requests to keep the application in abeyance before
	application shall be closed by the Nodal Agency within a	If any application for grant of Connectivity or grant of GN

		ef) A distribution licensee or a Bulk consumer, seeking GNA under
		Clause 17.1(iii). Provided that the entity has to apply for connectivity
		and GNA together. Single application fee of 05 lakhs shall be furnished
		for the Connectivity and GNA application.
4.2	Notwithstanding anything contained in Regulation 4.1, the	To be Amended as:
	entities having Connectivity shall be eligible, on payment of	Notwithstanding anything contained in Regulation 4.1, the entities having
	application fees, to apply for enhancement of Connectivity of	Connectivity shall be eligible, on submission of application along with non-
	less than 50 MW subject to available capacity in transmission	refundable application fee of Rs 3 lakh along with applicable taxes, to
	system.	apply for enhancement of Connectivity of less than 50 MW subject to
		available capacity in connectivity system.
5.1	An Applicant, which is a generating station including REGS,	To be Amended as:
	shall apply for grant of Connectivity to the Nodal Agency for	An Applicant, which is a generating station including ESS and/or REGS,
	the quantum equal to the installed capacity of the generating	may apply for seeking grant of Connectivity to the Nodal Agency. Such
	station:	Application shall be made for the quantum equal to the installed capacity of
		the generating station including ESS and/or REGS.
5.2	Notwithstanding anything contained in Regulation 5.1, a	To be Amended as:
	generating station, with prior approval of CTU, shall be	Notwithstanding anything contained in Regulation 5.1, a generating
	eligible to add, within the quantum of Connectivity granted to	station/ESS, with prior approval of CTU, shall be eligible to add, within the
	it, additional generation capacity, including ESS, and for	quantum of Connectivity granted to it, additional generation capacity, including
	this purpose, the generating station shall apply to CTU,	ESS, and for this purpose, the generating station/ESS shall apply to
	along with non-refundable application fee of Rs 3 lakh	CTU, along with non-refundable application fee of Rs 3 lakh along with
	along with applicable taxes;	applicable taxes;

5.5	An Applicant, which is a Renewable Power Park Developer,	To be Amended as:
	shall apply for grant of Connectivity for the quantum for which	An Applicant, which is a Renewable Power Park Developer, may apply for
	it has been authorised by the Central Government or a State	grant of Connectivity for the quantum for which it has been authorised by the
	Government as a Renewable Power Park developer	Central Government or a State Government or an entity/ agency authorized
		by appropriate government, as a Renewable Power Park developer
5.8	The application for grant of Connectivity shall contain, inter	To be Amended as:
	alia, the following details, as applicable, duly supported with	An applicant shall submit its application with duly authenticated digital
	relevant affidavit, as stipulated in the Detailed Procedure for	signature of the authorized signatory.
	Connectivity and GNA issued in accordance with Regulation	The application shall contain, inter alia, the following details, as
	39.1:	applicable, as stipulated in the Detailed Procedure for Connectivity and
		GNA issued in accordance with Regulation 39.1:
5.8 (vi)	Registration Number along with certificate issued by the CEA	To be Amended as:
	Registry;	Registration Number along with certificate issued by the CEA Registry;
		Provided that the Registration Number may not be applicable for ESS
		and Bulk Consumer/Distribution Licensee seeking connectivity
5.8 vii	In case of Renewable Power Park Developer, authorisation	To be Amended as:
	by the Central Government or the State Government, as	In case of Renewable Power Park Developer, authorisation by the Central
	applicable, to undertake infrastructural activities including	Government or the State Government, or an entity/ agency authorized by
	arrangement for Connectivity on behalf of solar power	appropriate government as applicable, to undertake infrastructural
	generators or wind power generators;	activities including arrangement for Connectivity on behalf of solar power

		generators or wind power generators, Renewable Hybrid generating
		stations or ESS as the case may be.
5.8		New Clause Added:
		(xi) In case of the Applicant covered under Regulation 5.6 & 5.7, the
		Agreement between the Applicant and the Connectivity grantee/Other
		Applicant, as the case may be, for provision/ sharing of ISTS
		communication system and Cyber Security.
6.1.	On receipt of applications for grant of Connectivity, the	To be Amended as:
	Nodal Agency shall carry out interconnection study as	On receipt of applications for grant of Connectivity, the Nodal Agency shall
	specified in the CEA Technical Standards for Connectivity	carry out interconnection study as specified in the CEA Technical Standards
	along with requirement of augmentation to the existing	for Connectivity along with for determination of requirement of Network
	ISTS, if any, for enabling transfer of power over ISTS under	Expansion , if any, for enabling transfer of power over ISTS under General
	General Network Access:	Network Access:
		Provided further that if any additional transmission system gets awarded for
	Provided further that if any additional transmission	implementation before the date of the Regional Consultation Meeting for
	system gets awarded for implementation before completion	Evolving Transmission Schemes being conducted by CTU, such
	of interconnection study, such additional transmission system	additional transmission system shall also be considered as existing ISTS.
	shall also be considered as existing ISTS.	
6.2.	Any augmentation required, excluding terminal bay(s), to the	To be Amended as:
	existing ISTS identified under Regulation 6.1 of these	
	regulations, shall be considered as the Associated	•Associated Transmission System (ATS): Transmission system
	Transmission System (ATS) for the Applicant(s).	connecting the generation project to the ISTS point.

		This will include the Generation End Pooling Station/Bay, Dedicated
		Transmission Line (DTL) and respective bay at ISTS Station and the
		same would be in the scope of Generation Project Developer.
	•	•Network Expansion / System Strengthening: Transmission system
		other than ATS.
7.1.	In the event the Nodal Agency after the interconnection	To be Amended as:
	study undertaken in accordance with Regulation 6.1 of these regulations, determines that no ATS is required, the Nodal Agency shall intimate in- principle grant of Connectivity to the Applicant within 30 days from the last day of the month in which the application had been received along with details such as terminal bay(s), already available or to be developed under ISTS through CTU, and minimum design features for dedicated transmission lines to be constructed by the Applicant.	In the event the Nodal Agency after the interconnection study undertaken in accordance with Regulation 6.1 of these regulations, determines that no ATS Network Expansion is required, the Nodal Agency shall intimate inprinciple grant of Connectivity to the Applicant within 30 40 days from the last day of the month in which the application had been received along with details such as location of terminal bay(s), to be developed by applicant, and minimum design features for dedicated transmission lines along with the terminal bays to be constructed by the Applicant. Provided that the bays already available / under implementation under ISTS, as on the day of notification of this regulation, shall be considered under network expansion/existing system.
7.2	In case the Nodal Agency, after the interconnection study undertaken in accordance with Regulation 6.1 of these regulations, determines that ATS is required, the Nodal Agency shall intimate in-principle grant of Connectivity to the Applicant within 60 days from the last day of the month in which the application had been received:	To be Amended as: In case the Nodal Agency, after the interconnection—study undertaken in accordance with Regulation 6.1 of these regulations, determines that ATS network expansion is required, the Nodal Agency shall intimate in-principle grant of Connectivity to the Applicant within 60 days from the last day of the

				month in which the application had been received:			
	Provided that intimation for in-prin	ciple grant of Conne	ctivity	Provide	d that intimation for in-principle	e grant of Connectivit	y shall include the
	shall include the ATS and termina	I bay(s), estimated c	ost of	ATS a	ATS and terminal bay(s), network expansion estimated cost of such		
	such ATS and terminal bay(s), minimum design features for A		ATS a	and terminal bay(s), mini	mum design featu	es for dedicated	
	dedicated transmission lines to	be constructed by	the t	transmission lines along with the terminal bay(s) to be constructed by the			
	Applicant and the likely date of sta	rt of Connectivity:		Applica	Applicant and the likely date of start of Connectivity:		
	Provided further that the firm date of	of start of Connectivity	shall	Provide	d further that the firm date of s	tart of Connectivity sh	nall be confirmed at
	be confirmed at the time of final gra	ant of Connectivity.		the time	of final grant of Connectivity.		
8.1	Connectivity Bank Guarantee sh	nall be submitted b	y an	To be A	Amended as :		
	Applicant in three parts, Conn-E	3G1 amounting to R	s. 50	Connec	tivity Bank Guarantee shall be	e submitted by an Ap	plicant in three
	lakhs, and Conn-BG2 and Con	nn-BG3, as provide	ed in	parts, C	Conn-BG1 amounting to Rs. 5	60 lakhs, and Conn-	BG2 and Conn-
	Regulations 8.2 and 8.3 of these re	egulations.		BG3, as	s provided in Regulations 8.2 a	and 8.3 of these regu	lations.
8.2.	For cases covered under Regulation	on 7.1 of these regula	ations	To be A	Amended as:		
	, Conn-BG2 and Conn-BG3, shall be furnished as under:						
	 		For cas	es covered under Regulation 7	7.1 of these regulatio	ns, Conn-BG2 and	
	(a)Conn-BG2 towards terminal ba	ay(s) shall be furnish	ed on	Conn-B	G3, shall be furnished as unde	er:	
	the basis of number of terminal	bay(s) allocated as u	ınder:				
				(a)	Conn-BG2 towards terminal ba	ay(s) shall be furnish	ed on the basis of
	Voltage level of allocated	Conn-BG2 (per		number	of terminal bay(s) allocated as	s under:	
	terminal bay	terminal bay)			Voltage level of allocated	Conn-BG2 (per	
	132 kV	Rs. 2 crore			terminal bay	terminal bay)	
	220/230	Rs. 3 crore			132 kV	Rs. 2 crore	
	kV				220/230	Rs. 3 crore	

400 kV	Rs. 6 crore		k ∀	
765 kV	Rs. 12 crore		400 kV	Rs. 6 crore
			765 k∀	Rs. 12 crore

Provided that if the entity that has been intimated in-principle grant of Connectivity, (i) proposes to construct the terminal bay(s) on its own under Regulation 12.4 of these regulations, or (ii) seeks Connectivity at a terminal bay constructed or being constructed by another Connectivity grantee, or (iii) seeks Connectivity through electrical system or switchyard of a generating station, no Conn-BG2 is required to be furnished.

Provided that if the entity that has been intimated in-principle grant of Connectivity, (i) proposes to construct the terminal bay(s) on its own under Regulation 12.4 of these regulations, or (ii) seeks Connectivity at a terminal bay constructed or being constructed by another Connectivity grantee, or (iii) seeks Connectivity through electrical system or switchyard of a generating station, no Conn-BG2 is required to be furnished.

(b) Conn-BG3 @ Rs. 2 lakh/MW, for the existing ISTS, shall be furnished by entities covered under clause (a) of this Regulation.

8.2

(c) Conn-BG1, Conn-BG2 and Conn-BG3, as applicable, shall be furnished within 1 (one) month of intimation of inprinciple grant of Connectivity, failing which the application for Connectivity shall be closed and application fee shall be forfeited.

To be Amended as:

- (b) Conn-BG3 @ Rs. 2 lakh/MW, for the existing ISTS, shall be furnished by the applicant entities covered under clause (a) of this Regulation.
- (c) Conn-BG1, Conn-BG2 and Conn-BG3, as applicable, shall be furnished within 1 (one) month of intimation of in-principle grant of Connectivity, failing which the application—In-principle grant for Connectivity shall be closed revoked and application fee shall be forfeited.

8.3	For cases covered under Regulation 7.2 of these regulations, the following procedure shall be followed:	The applicant shall sign Transmission Agreement for Connectivity within 30 days of final grant of connectivity. Before acceptance of the final Grant of Connectivity, if the applicant withdraws its application, Conn BG shall be returned. Else, the Conn BG shall be encashed. To be Amended as: For cases covered under Regulation 7.2 of these regulations, the following
	(a) The entity that has been intimated in-principle grant of Connectivity, shall submit its consent for execution of ATS and terminal bay(s), as intimated under Regulation 7.2 of these regulations, along with Conn-BG1, within one month of intimation of in-principle grant of Connectivity, failing which the application for Connectivity shall be closed and application fee shall be forfeited.	(a) The entity that has been intimated in-principle grant of Connectivity, shall submit its consent for execution of ATS and terminal bay(s), as intimated under Regulation 7.2 of these regulations, along with Conn-BG1, within one month of intimation of in-principle grant of Connectivity, failing which the in-principle application grant for Connectivity shall be closed—revoked and application fee shall be forfeited.
	(b) The Nodal Agency, within 6 (six) months of furnishing of Conn-BG1 as per clause (a) of this Regulation, intimate to such entity, (i) amount of Conn-BG2 to be furnished towards ATS and terminal bay(s), which shall not exceed the estimated cost intimated under Regulation 7.2 of these	(b) The Nodal Agency, within 6 (six) months of furnishing of Conn-BG1 as per clause (a) of this Regulation, shall issue final grant of connectivity intimate to such entity, (i) amount of Conn-BG2 to be furnished towards ATS and terminal bay(s), which shall not exceed the estimated cost intimated under Regulation 7.2 of

	regulations, (ii) I the timeline for completion of network ATS	these regulations, (ii) including the timeline for completion of
	and terminal bay(s), and (iii) firm date of start of Connectivity.	network expansion and ATS and terminal bay(s), and (iii) firm
		date of start of Connectivity.
	Provided that if such ATS and terminal bay(s) are planned	
	for more than one entity, Conn-BG2 shall be furnished in	Before acceptance of the final Grant of Connectivity, if the
	proportion to the quantum of Connectivity applied for by such	applicant withdraws its application, Conn BG shall be returned.
	entities:	Else, the Conn BG shall be encashed.
		Provided that if such ATS and terminal bay(s) are planned for more than
		one entity, Conn-BG2 shall be furnished in proportion to the quantum of
		Connectivity applied for by such entities:
8.3 (c)	In the event the Nodal Agency, does not intimate the details	To be Amended as:
	as per clause (b) of this Regulation within 6 (six) months, the	In the event the Nodal Agency, does not intimate the details as per clause
	Nodal Agency shall furnish the reasons for such non-	(b) of this Regulation within 6 (six) months, the Nodal Agency shall furnish
	intimation to the entity with a copy to the Central Commission	the reasons for such non-intimation to the entity with a copy to the Central
	within one month of expiry of such period of six months with	Commission within one month of expiry of such period of six months with a
	a probable date by which the details of Conn- BG2 and such	probable date by which the details of Conn-BG2 and by which such timeline
	timeline shall be furnished:	shall be furnished:
8.3(d)	The amount for which Conn-BG2 is to be furnished as per	To be Amended as:
	clause (b) of this Regulation, shall be equal to estimated cost	The amount for which Conn-BG2 is to be furnished as per clause (b) of this
	of ATS and terminal bay(s) and the timeline for completion	Regulation, shall be equal to estimated cost of ATS and terminal bay(s)
	of ATS and terminal bay(s) shall be based on the scheduled	and The timeline for completion of ATS and terminal bay(s) network
	date of commercial operation for such ATS and terminal	expansion shall be based on the scheduled date of commercial operation
	bay(s).	for such network expansion ATS and terminal bay(s).
		10. 335 Tethrone expansion / (10 and terminal bay(0).

8.3	(d)The entity that has been intimated in-principle grant of	To be deleted
	Connectivity shall furnish Conn-BG2 within 1 (one) month of	
	intimation by the Nodal Agency under sub-clause (b) of this	
	Regulation, failing which application for Connectivity shall be	
	closed, Conn-BG1 shall be encashed and application fee	
	shall be forfeited.	
8.4	Conn-BG1 Conn-BG2 and Conn-BG3 shall be issued by any	To be Amended as:
	scheduled commercial bank recognized by the Reserve Bank	8.4. Conn-BG1 Conn-BG2 and Conn-BG3 shall be issued by any
	of India, in favour of CTU, as per the Format stipulated in the	scheduled commercial bank recognized by the Reserve Bank of India, in
	Detailed Procedure for Connectivity and GNA issued in	favour of CTU, as per the Format stipulated in the Detailed Procedure for
	accordance with Regulation 39.1.	Connectivity and GNA issued in accordance with Regulation 39.1
9.1	Within 15 days of receipt of Conn-BG2 and Conn-BG3, as	To be Amended as:
	applicable, the Nodal Agency shall intimate the final grant of	Within 15 days of receipt of Conn-BG2 and Conn-BG3, as applicable, the
	Connectivity to the entity that has been intimated in-principle	Nodal Agency shall intimate the final grant of Connectivity to the entity that
	grant of Connectivity. The intimation shall contain, inter alia,	has been intimated in-principle grant of Connectivity. The final grant of
	the following:	connectivity intimation shall contain, inter alia, the following:
9.1	(e) The broad design features of the dedicated	(e) The broad design features of the dedicated transmission lines along with
	transmission lines details including voltage level.	terminal bay details including voltage level.
10	Connectivity Agreement	To be Amended as:
		Connectivity-Connection Agreement
		Comment:

	Both Transmission and Connection Agreement as per the present
	regulation may not be required.
	In place of Transmission Agreement, the acceptance letter for final grant
	of Connectivity may be considered. In place of Connection Agreement,
	the acceptance letter from the Grantee against the Connection Offer
	Letter of CTU may be considered. The requirement & processing of
	technical details may be captured in the Detailed procedure.
The Nodal Agency shall intimate the connection details, inter	To be Amended as:
alia, details of protection equipment, system recording,	The Nodal Agency shall intimate the connection offer details, inter alia,
SCADA and communication equipment, within a period of	details of protection equipment, system recording, SCADA and communication
one month from the date of receipt of technical connection	equipment, within a period of one month from the date of receipt of
data under Regulation 10.1.	complete technical connection data under Regulation 10.1.
Within 30 days of the intimation of connection details by the	To be Amended as:
Nodal Agency under Regulation 10.2, Connectivity	Within 30 days of the intimation of connection offer by the Nodal Agency
Agreement shall be signed between the Nodal Agency and	under Regulation 10.2, Connectivity Connection Agreement shall be signed
the entity which has been intimated final grant of	between amongst the Nodal Agency, the entity which has been intimated
Connectivity. On signing of the Connectivity Agreement	final grant of Connectivity, ISTS licensees and any person involved in
such entity shall become the Connectivity grantee.	respect of the connection. On signing of the Connectivity Connection
	Agreement such entity shall become the Connectivity grantee.
Where Connectivity is granted at a proposed ISTS sub-	To be Amended as:
station, the Nodal Agency, shall confirm the final	Where Connectivity is granted at a proposed ISTS sub-station, the Nodal
coordinates within 2 months of signing of the Connectivity	Agency, shall confirm the final coordinates within 2 months of signing of the
	alia, details of protection equipment, system recording, SCADA and communication equipment, within a period of one month from the date of receipt of technical connection data under Regulation 10.1. Within 30 days of the intimation of connection details by the Nodal Agency under Regulation 10.2, Connectivity Agreement shall be signed between the Nodal Agency and the entity which has been intimated final grant of Connectivity. On signing of the Connectivity Agreement such entity shall become the Connectivity grantee. Where Connectivity is granted at a proposed ISTS substation, the Nodal Agency, shall confirm the final

	Agreement and such coordinates shall not be outside the	Connection Agreement and such coordinates shall generally not be outside
	radius of 5 km of the tentative coordinates already	the radius of 5 km of the tentative coordinates already intimated.
	intimated.	Comment:
		The tentative location of sub-station is indicated in RFP documents
		which may change at the time of land acquisition by the TSP due to
		unforeseen reasons which are not under control of Nodal agency.
10.6	In case of failure to sign the Connectivity Agreement by the	To be deleted
	entity that has been intimated final grant of Connectivity, as	
	required under Regulation 10.3, the Nodal Agency may	
	extend the time for signing the Connectivity Agreement for a	
	maximum period of 30 days, failing which the final grant of	
	Connectivity shall be revoked by the Nodal Agency under	
	intimation to the Applicant, and the Conn-BG1, Conn-BG2	
	and Conn-BG3 shall be encashed.	
10.7	The Connectivity Agreement, inter alia, shall include the	To be deleted
	following and other details as may be stipulated in the	
	Detailed Procedure for Connectivity and GNA issued in	
	accordance with Regulation 39.1:	
	(a) Details of the allocated terminal bay(s) at ISTS sub-station	
	subject to provisions of Regulation 10.5 of these regulations;	
	(b) Start date of Connectivity; and	
	(c) Provision that in case of non-payment of transmission	
	charges under Regulation 13 of the Sharing Regulations for	

recovered by encashing Conn-BG1, Conn-BG2 and Conn-BG3, as required as per provision of Regulation 16.3 of these regulations 10.8 Connectivity grantee shall submit a copy of the signed Connectivity Agreement to the RLDC, in whose control area it is located. 11.1 Connectivity grantee shall update the status of implementation of work under its scope including dedicated To be Amended as: Connectivity grantee shall submit a copy of the signed Connectivity grantee shall submit a copy of the signed acceptance letter against the Connection Offer Agreement whose control area it is located. To be Amended as: Connectivity grantee shall update the status of implementation of work under its scope including dedicated Connectivity grantee shall update the status of implementation of work under its scope including dedicated	
Regulation 16.3 of these regulations 10.8 Connectivity grantee shall submit a copy of the signed Connectivity Agreement to the RLDC, in whose control area it is located. 10.8 Connectivity Agreement to the RLDC, in whose control area it is located acceptance letter against the Connection Offer Agreement whose control area it is located. 11.1 Connectivity grantee shall update the status of implementation of work under its scope including dedicated Connectivity grantee shall update the status of implementation.	
Connectivity grantee shall submit a copy of the signed Connectivity Agreement to the RLDC, in whose control area it is located. Connectivity grantee shall submit a copy of the signed it is located. Connectivity grantee shall submit a copy of the signed it is located. Connectivity grantee shall submit a copy of the signed acceptance letter against the Connection Offer Agreement whose control area it is located. To be Amended as: To be Amended as: Connectivity grantee shall update the status of implementation of work under its scope including dedicated Connectivity grantee shall update the status of implementation of work under its scope including dedicated	
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it is located. acceptance letter against the Connection Offer Agreement whose control area it is located. 11.1 Connectivity grantee shall update the status of implementation of work under its scope including dedicated Connectivity grantee shall update the status of implementation of work under its scope including dedicated	
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Connectivity grantee shall update the status of implementation of work under its scope including dedicated Connectivity grantee shall update the status of impleme	ent to the RLDC, in
implementation of work under its scope including dedicated Connectivity grantee shall update the status of impleme	
Offinectivity grantee shall appeare the status of impleme	
	ntation of work
transmission lines, every quarter to the Nodal Agency who under its scope including dedicated transmission lines	and terminal
shall update the same on its website bay(s), every quarter to the Nodal Agency who shall update	ate the same on
its website.	
11.2 The Nodal Agency shall update the status of implementation To be Amended as:	
of the ATS and terminal bays in respect of all Connectivity The Nodal Agency shall update the status of implementation	on of the ATS and
grantees, every quarter, on its website terminal bays network expansion in respect of all Con	nectivity grantees,
every quarter, on its website.	
11.3. The Nodal Agency shall review and take corrective action To be Amended as:	
based on the status of implementation of work under the The Nodal Agency shall review and take corrective action	coordinate based
scope of the Connectivity grantee as submitted under on the status of implementation of work under the scope of	of the Connectivity
Regulation 11.1 and status of implementation of the ATS and grantee as submitted under Regulation 11.1 and status	of implementation
terminal bay(s) as updated under Regulation 11.2. of the ATS and terminal bays network expansion a	l l
Regulation 11.2.	as updated under

12.1	In case Connectivity grantee is a generating station or a	To be Amended as:
	captive generating plant or a standalone ESS, the dedicated	In case Connectivity grantee is a generating station or a captive generating
	transmission lines shall be established, operated and	plant or a standalone ESS, the dedicated transmission lines shall be
	maintained by such Connectivity grantee.	established developed, owned, operated and maintained by such
		Connectivity grantee.
12.2	In case Connectivity grantee is a Renewable Power Park	In case Connectivity grantee is a Renewable Power Park Developer, the
	Developer, the dedicated transmission lines shall be	dedicated transmission lines shall be developed, owned, operated and
	developed, owned and operated by such Renewable Power	maintained by such Renewable Power Park Developer.
	Park Developer.	
12.3	The dedicated transmission lines shall be constructed and	To be Amended as:
	maintained in accordance with CEA Technical Standards for	The dedicated transmission lines and terminal bay(s) shall be constructed
	Construction.	and maintained in accordance with CEA Technical Standards for Construction.
12.4	The terminal bay(s) at the ISTS sub-station shall be under the	To be Amended as:
	scope of the transmission licensee owning the ISTS sub-	
	station:	The terminal bay(s) at the ISTS sub-station shall be under the scope of the
		transmission licensee owning the ISTS sub-station:
	Provided that the Connectivity grantee may, if it so chooses,	
	construct and maintain the terminal bay(s) at its own cost by	Provided that the Connectivity grantee may, if it so chooses, construct and
	entering into an agreement with the transmission licensee	maintain the terminal bay(s) at its own cost by entering into an agreement with
	owning the ISTS sub-station, Provided further that subject to	the transmission licensee owning the ISTS sub-station, Provided further that
	prior approval of the Nodal Agency:	subject to prior approval of the Nodal Agency:
L		

	Provided further that in case the Connectivity grantee	Provided further that in case the Connectivity grantee chooses to construct the
	chooses to construct the terminal bay(s) at its own cost, no	terminal bay(s) at its own cost, no cost towards terminal bay(s) shall be
	cost towards terminal bay(s) shall be claimed by the	claimed by the Connectivity grantee in the event of revocation of its
	Connectivity grantee in the event of revocation of its	Connectivity:
	Connectivity:	Provided also that In such case of revocation of Connectivity, the Connectivity
	Described also that in such association of Compactivity	grantee shall dismantle the terminal bay within 3 months. Thereafter,
	Provided also that in such case of revocation of Connectivity,	Connectivity grantee shall have no rights and claims whatsoever and
	the Connectivity grantee shall dismantle the terminal bay	failing which the CTU may bay may be utilized the bay for some other
	within 3 months failing which the CTU may utilize the bay for	Connectivity applicant.
	some other Connectivity applicant.	
12.5.	In case of an entity covered under Regulation 17.1(iii), the line	To be Amended as:
	to connect such an entity to the ISTS and necessary	In case of an entity covered under Regulation 17.1(iii), the line and terminal
	augmentation for providing connection to the ISTS, shall be	bay(s) to connect such an entity to the ISTS necessary augmentation
	constructed and maintained by a licensee at the cost of such	for providing connection to the ISTS, shall be constructed, owned,
	entity;	operated and maintained by a licensee at the cost of such entity. The
		Licensee shall be selected by the entity on bilateral basis.
15.1.	A Connectivity grantee shall not transfer, assign or pledge its	A Connectivity grantee shall not transfer, assign or pledge its Connectivity and
	Connectivity and the associated rights and obligations, either	the associated rights and obligations, either in full or in parts, to any person
	in full or in parts, to any person except as provided under	except takeover of project by any other entity or as provided under Regulations
	Regulations 15.2 and 15.3 of these regulations.	15.2 and15.3 of these regulations.
	Provided that Connectivity granted to a parent company	Comment: Utilization of Connectivity may be defined. It is understood that
	may be utilised by its subsidiary and Connectivity	utilization of bay is linked to scheduling of power
		, ,

	granted to a subsidiary may be utilised by its parent	
	company.	
15.3	Any person which acquires 51% or more shareholding of the	To be Amended as:
	company or its subsidiary or affiliate company owning REGS	Any person which acquires 51% or more shareholding of the company or its
	or part thereof in terms of Regulation 15.2, may after COD of	subsidiary or affiliate company owning REGS or part thereof in terms of
	such part, apply to the Nodal Agency for transfer of	Regulation 15.2, may after COD of such part, apply to the Nodal Agency for
	Connectivity. The Nodal Agency shall issue revised grant of	transfer of Connectivity. The Nodal Agency shall issue revised grant of
	Connectivity on submission of applicable Conn-BG2 and	Connectivity on submission of applicable Conn-BG2and Conn-BG3 by
	Conn-BG3 by such person. The original grantee may	such person. The original grantee may substitute its Conn-BG2 and Conn-
	substitute its Conn-BG2 and Conn-BG3 with revised Conn-	BG3 with revised Conn-BG2 and Conn-BG3, to be intimated by CTU. On
	BG2 and Conn-BG3, to be intimated by CTU. On issue of	issue of revised grant of Connectivity, such person shall enter into a fresh
	revised grant of Connectivity, such person shall enter into a	Connectivity Agreement and be responsible for compliance with all applicable
	fresh Connectivity Agreement and be responsible for	regulations.
	compliance with all applicable regulations.	
16.1	16.1. Conn-BG1 shall be returned within 30 days of	To be Amended as:
	declaration of commercial operation of full capacity by	16.1. Upon the declaration of commercial operation for the full installed
	the Connectivity grantee.	capacity by the connectivity grantee/ Connectivity effectiveness of
	16.2. Conn-BG2 and Conn-BG3 shall be returned in five	Bulk Consumers & Distribution Licensee seeking GNA, the Conn-BG
	equal parts over five years corresponding to the generation	shall be returned within a period of 02 months thereafter.
	capacity which has been declared	In case of any delay in Commercial operation from its earlier stated
	under commercial operation by the Connectivity grantee.	SCOD/revised SCOD as approved by Competent Authority/
	16.3. In case of non-payment of transmission charges under	Connectivity effectiveness of Bulk Consumers & Distribution Licensee
	Regulation 13 of the Sharing Regulations for more than 3	seeking GNA, the connectivity grantee shall be liable to pay an amount

months from the due date, such transmission charges shall be recovered by encashing Conn-BG1(if subsisting), Conn-BG2 and Conn-BG3, as required. Connectivity shall be revoked from the date when Conn-BG2 is not sufficient to cover transmission charges under Regulation 13 of the Sharing Regulations.

16.4. The proceeds of encashed Conn-BG1, Conn-BG2 and Conn-BG3 in terms of Regulation 16.3, shall be adjusted in Monthly Transmission charges under the Sharing Regulations.

of Rs 7500/ MW /week or part thereof subject to the Upper Cap of total Conn-BG amount.

This amount payable on account of delay shall be deposited within 01 month of COD or six months from the SCOD (Whichever is earlier) for the delayed period failing which the amount shall be recovered from the encashment of Conn BG and balance BG amount, if any, shall be returned within 01 month of encashment.

- 16.2. The proceeds of encashed Conn-BG in terms of Regulation 16.1, shall be adjusted in Monthly Transmission charges under the Sharing Regulations
- 16.1. Conn-BG1 shall be returned within 30 days of declaration of commercial operation of full capacity by the Connectivity grantee.
- 16.2. Conn-BG2 and Conn-BG3 shall be returned in five equal parts over five years corresponding to the generation capacity which has been declared under commercial operation by the Connectivity grantee.
- 16.3. In case of non-payment of transmission charges under Regulation 13 of the Sharing Regulations for more than 3 months from the due date, such transmission charges shall be recovered by encashing Conn-BG1(if subsisting), Conn-BG2 and Conn-BG3, as required. Connectivity shall be revoked from the date when Conn-BG2 is not sufficient to cover transmission charges under Regulation 13 of the Sharing Regulations.
- 16.4. The proceeds of encashed Conn-BG1, Conn-BG2 and Conn-BG3 in

		terms of Regulation 16.3, shall be adjusted in Monthly Transmission charges
		under the Sharing Regulations.
		Comment:
		Under the draft GNA Regulations, the Generators do not have any liability
		towards payment of transmission Charge except the payment of a one-time
		GNA Charge. Once connected, the Generators are considered deemed GNA
		Grantee without any liability towards payment of transmission charge and,
		as such, there is a remote chance of Generator relinquishing/abandoning
		after getting connected. Therefore, instead of holding the Bank Guarantees
		for five years, it is proposed that Bank Guarantees may be returned within a
		period of 02 months upon the declaration of commercial operation for the full
		installed capacity by the connectivity grantee/ Connectivity effectiveness of
		Bulk Consumers & Distribution Licensee seeking GNA.
17.1	(ii) A buying entity connected to intra-State	Comment:
	transmission system;	Buying Entity to be defined
18.	Deemed Grant of GNA	Comment:
		Deemed GNA has been calculated in the form of Drawal for the STUs.
		However, and some states may also need Injection GNA. The injection and
		Drawal GNA need to be defined separately from system planning perspective
		for the STUs as the ISTS requirement for injection and drawal of power may
		different.
18.1	(d)GNA deemed to have been granted to STU as per clause	Comments:
	(c) of this Regulation, shall be published by the Nodal Agency	

	within 30 days of notification of these regulations, as (i) GNA	If the STU seek decrease in the GNA within the region and increase in GNA
	within the region and (ii) GNA from outside the region, in	outside the region or vice versa, keeping the total GNA Requirement same,
	proportion to contracts, within the region or outside the region,	will the decrease in GNA involve payment of relinquishment charges?
	under Long Term Access and Medium Term Open Access	
	obtained in terms of the Connectivity Regulations.	
20.	Application for Grant of GNA by entities other than STU	Comment:
		Clause for entity covered under 17(v) i.e. Transmission Licensees, need to be
	20.1. Entities covered under clauses (ii) and (iii) of	added.
	Regulation 17.1 of these regulations, indicating bifurcation of	
	GNA within the region and outside the region, may apply for	
	GNA from a specified date, for a specified quantum, and for	
	a specified period of not less than eleven months.	
	20.2. Entities covered under Regulation 17.1(iv) of these	
	regulations, may apply separately for GNA for injection into	
	Indian grid or drawal from Indian grid, for a specified quantum,	
	and for a specified period of not less than eleven months.	
22.2.	Grant of GNA to entities other than STU	Comment:
		Clause for entity covered under 17(v) i.e. Transmission Licensees, need to be
		added.
22.2 (b) (i)	where GNA is granted on the existing system: by the end of	where GNA is granted on the existing system: within 40 days subsequent to
	the month subsequent to the month in which application	the month in which application complete in all respects has been received;
	complete in all respects has been received;	

22.2 b)	(ii) where <u>augmentation of transmission system</u> is	Comment:
	required: within 180 days from the end of the month in which	It is understood that the augmentation of Transmission System will be treated
	application complete in all respects has been received:	as network expansion/system strengthening.
	Provided that the Nodal Agency shall grant GNA with start	
	date of GNA keeping in view the timeline of augmentation of	
	the transmission system.	
22.2 (c)	(i) applying GNA for injection into the Indian Grid shall	(i) applying GNA for injection into the Indian Grid shall comply with all
	comply with all requirements as applicable to entities under	requirements as applicable to entities under Regulation 4.1:
	Regulation 4.1:	Provided that Conn-BG1, Conn-BG2 and Conn-BG3 shall be returned
	Provided that Conn-BG1, Conn-BG2 and Conn-BG3 shall be	in accordance with Regulation 16 of these regulations or on expiry of period
	returned in accordance with Regulation 16 of these	of GNA, whichever is earlier;
	regulations or on expiry of period of GNA, whichever is earlier;	
22.2 (d)	Entities covered under Regulation 4.1 and clause (iii) of	Entities covered under Regulation 4.1 and clause (iii) of Regulation 17.1 of
	Regulation 17.1 of these regulations shall furnish one-time	these regulations shall furnish one-time GNA charge for Rs. one lakh per MW
	GNA charge for Rs. one lakh per MW for the quantum of GNA	for the quantum of GNA one month prior to the start date of GNA. In case,
	one month prior to the start date of GNA. In case, such	such charges are not furnished by the entity within the specified timeline, the
	charges are not furnished by the entity within the specified	same shall be recovered by encashment of BG1, Conn-BG2 and Conn-BG3
	timeline, the same shall be recovered by encashment of	as required. The proceeds of such one-time GNA charge shall be used for
	Conn- BG1, Conn-BG2 and Conn-BG3 as required. The	reducing Monthly Transmission Charges under the Sharing Regulations
	proceeds of such one time GNA charge shall be used for	
	reducing Monthly Transmission Charges under the Sharing	
	Regulations	

23.	23.1. An entity covered under Regulation 17.1 which is a	To be Amended as:
Use of GNA	GNA grantee, may authorise other entities covered under	23.1. An entity covered under Regulation 17.1 which is a GNA grantee, may
by other GNA	Regulation 17.1 which are GNA grantee(s), to use its GNA, in	authorise other entities covered under Regulation 17.1 which are GNA
grantee(s)	full or in part, with prior approval of the Nodal Agency, for a	grantee(s), to use its GNA, in full or in part, with prior approval of the Nodal
	period not exceeding 1 (one) year at a time on mutually	Agency, for a period not exceeding 1 (one) year at a time on mutually agreed
	agreed terms and conditions:	terms and conditions:
	agreed terms and conditions.	terms and conditions.
		The application for use of GNA by the other entity will be submitted to
		Nodal Agency thirteen months before the start date of the use of GNA.
		Comment: The time of application for use of GNA has to be coordinated
		with the T-GNA which can applied for any period from 1 (one) time block
		and up to 11 (eleven) months.
24.1	24.1. Connectivity grantee may relinquish, in full or in part,	Comment:
Relinquis	the Connectivity with a notice of 30 days to the Nodal Agency.	Whether already connected entity can relinquish connectivity quantum? If yes,
hment of	The Nodal Agency shall issue revised grant of Connectivity to	then what is the treatment for this case as no Conn BG 1, Conn BG2 , Conn
Connecti	such Grantee, in case the Connectivity has been relinquished	BG 3 are available in this case.
vity	in part.	
24.2	For entities covered under Regulation 7.1 and where Conn-	To be Amended as:
	BG2 and Conn-BG3, as applicable, has been furnished as	
	per Regulation 8.2 of these regulations, the following shall	For entities covered under Regulation 7.1 & 7.2 and where Conn-BG2 and
	apply:	Conn-BG3, as applicable, has been furnished as per Regulation 8.2 &
	(a) In case of relinquishment of full quantum of	8.3 respectively of these regulations, the following shall apply:
	Connectivity, (i) subsisting Conn-BG1 shall be	

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rity, (i) subsisting
uished quantum
veloped or the
mplementation
e relinquished
n-BG1 shall be
capacity after

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The proceeds of encashed Conn-BG1, Conn-BG2 and Conn-BG3 in terms of Regulations 24.2 or 24.3 of these regulations, shall be used for reducing Monthly Transmission Charges under the Sharing Regulations.
Comment:
It is understood that the proviso pertaining to the relinquishment charges
being equal to the number of balance months, in case the period of GNA is
less than 60 months is applicable for STUs at (a) above also.
l fo

	(b)For an entity covered under clauses (ii) to (iv) of Regulation 17.1 of these regulations, the relinquishment charges shall be equal to 60 times, the transmission charges paid by such entity for the last month under the Sharing regulations, corresponding to the relinquished quantum.	
	Provided that, if the balance period of GNA is less than 60 months, the relinquishment charges shall be equal to the number of balance months times the transmission charges paid by such entity for the last month under the Sharing Regulations, corresponding to the relinquished quantum.	
25.2	In case an intra-State entity including a distribution licensee having GNA covered under clause (i) of Regulation 17.1, substitutes GNA with GNA under clause (ii) of Regulation 17.1, GNA for such intra-State entity shall be reduced from the total GNA of STU as held under clause (c) of Regulation 22.1, for the quantum so substituted and for such substituted period.	In case an intra-State entity including a distribution licensee having GNA covered under clause (i) of Regulation 17.1, substitutes GNA with same GNA quantum under clause (ii) of Regulation 17.1, GNA for such intra-State entity shall be reduced from the total GNA of STU as held under clause (c) of Regulation 22.1, for the quantum so substituted and for such substituted period. However, in such case, no relinquishment charges will be applicable.
37.2 (d)	In case, the entity exercises the option to convert the Connectivity granted under the Connectivity Regulations	To be Amended as:

	as Connectivity under these Regulations in terms of option	In case, the entity exercises the option to convert the Connectivity granted
	(i) of clause (a) of this regulation, the Nodal Agency shall,	under the Connectivity Regulations as Connectivity under these
	within next 30 days, intimate the amount of Conn- BG1,	Regulations in terms of option (i) of clause (a) of this regulation, the Nodal
	Conn-BG2 and Conn-BG3, to be paid by such entity in	Agency shall, within next 30 days, intimate the amount of Conn- BG 1,
	terms of Regulation 8 of these regulations, after adjusting	Conn-BG2 and Conn-BG3,, to be paid by such entity in terms of Regulation
	bank guarantee, if any, paid by such entity under the	8 of these regulations, after adjusting bank guarantee, if any, paid by
	Connectivity Regulations.	such entity under the Connectivity Regulations.
37.2(e)	Conn-BG1, Conn-BG2 and Conn-BG3 shall be furnished	To be Amended as:
	by the entity within two (2) months of intimation under	Conn-BG 1, Conn-BG2 and Conn-BG3 shall be furnished by the entity
	clause (d) of this Regulation	within two (2) months of intimation under clause (d) of this Regulation
37.2(f)	On furnishing of Conn-BG1, Conn-BG2 and Conn-BG3	To be Amended as:
	under clause (e) of this Regulation, existing agreements	On furnishing of Conn-BG 1, Conn-BG2 and Conn-BG3 under clause (e)
	between the entity and the Nodal Agency shall be aligned	of this Regulation, existing agreements between the entity and the Nodal
	with provisions of Regulation 10.3 of these regulations.	Agency shall be aligned with provisions of Regulation 10.3 of these
		regulations.
37.2(h)	In case the entity fails to furnish Conn-BG1, Conn-BG2	To be Amended as:
	and Conn- BG3 as intimated by the Nodal Agency in terms	In case the entity fails to furnish Conn-BG 1, Conn-BG2 and Conn-BG3 as
	of clause (d) of this Regulation,	intimated by the Nodal Agency in terms of clause (d) of this Regulation,
37.3	In case, the entity exercises the option (i) of clause (a) of	To be Amended as:
(2)(d)	this Regulation to convert the Long term Access granted	In case, the entity exercises the option (i) of clause (a) of this Regulation
	under the Connectivity Regulations as deemed GNA	to convert the Long term Access granted under the Connectivity
	under these Regulations, it shall furnish Conn-BG1 for	Regulations as deemed GNA under these Regulations, it shall furnish

	Rs. 50 lakhs and Conn-BG3 @ Rs. 2 lakh/MW	Conn-BG 1 for Rs. 50 lakhs and Conn-BG3 @ Rs. 2 lakh/MW
	corresponding to such Long term Access quantum	corresponding to such Long term Access quantum within two (2) months
	within two (2) months of exercising such option. In case	of exercising such option. In case any Conn- BG1 & Conn- BG2 has been
	any Conn- BG1 & Conn- BG2 has been furnished under	furnished under the Connectivity Regulations, the same shall be treated
	the Connectivity Regulations, the same shall be treated	as Conn- BG1 & Conn-BG2 under these regulations. Subsequent
	as Conn- BG1 & Conn-BG2 under these regulations.	treatment of Conn-BG1, Conn-BG2 and Conn-BG3 shall be in
	Subsequent treatment of Conn-BG1, Conn-BG2 and	terms of Regulations 16 .1 to 16.4 of these regulations. Bank Guarantee,
	Conn-BG3 shall be in terms of Regulations 16.1 to 16.4 of	if any, furnished by such entity under the Connectivity Regulations shall be
	these regulations. Bank Guarantee, if any, furnished by	adjusted.
	such entity under the Connectivity Regulations shall be	
	adjusted.	
37.3 (2)(On furnishing of Conn-BG1 and Conn-BG3 under clause	To be Amended as:
e)	(d) of this Regulation, the Long term access shall be	On furnishing of Conn-BG under clause (d) of this Regulation, the Long-
	treated as GNA deemed to have been granted under	term access shall be treated as GNA deemed to have been granted under
	these regulations and the existing agreements between	these regulations and the existing agreements between the entity and the
	the entity and the Nodal Agency shall be aligned with	Nodal Agency shall be aligned with provisions of these regulations.
	provisions of these regulations.	
37.3	In case the entity fails to furnish Conn-BG1 and Conn-BG3	To be Amended as:
(2)(f)	in terms of clause (d) of this Regulation, the Long term	In case the entity fails to furnish Conn- BG 1 and Conn-BG3 in terms of
	access granted to the entity under the Connectivity	clause (d) of this Regulation, the Long term access granted to the entity
	Regulations shall be considered as surrendered in terms	under the Connectivity Regulations shall be considered as surrendered in
	of clause (b) of this Regulation	terms of clause (b) of this Regulation

37.3 (3) c) In case the Long term Access is surrendered in terms (c) of option(ii) of clause (a) or clause (b) of this Regulation, the Construction Bank Guarantee furnished under Connectivity Regulations shall be encashed to the extent of estimated cost of ATS has been awarded for implementation, subject to capping of the bank guarantee already furnished and balance, if any, shall be returned. The quantum of Connectivity granted under the Connectivity Regulations for such quantum of Long term Access which has been surrendered shall be treated as per clause (1) of this regulation. 37.3 (3)(d)have been

In case, the entity exercises the option (i) of clause (a) of this Regulation to convert the Long term Access granted under the Connectivity Regulations as GNA deemed to granted under these regulations, the Construction Bank Guarantee already furnished shall be treated as Conn-BG1 for Rs 50 lakhs and balance as Conn-BG2 under these regulations.

In case no construction bank guarantee has been furnished pursuant to signing of PPA and PSA, it shall furnish Conn-BG1 for Rs. 50 lakhs and Conn-BG3 @ Rs. 2 lakh/MW corresponding to such Long term access quantum within two (2) months of exercising the option (i)

To be Amended as:

c) In case the Long term Access is surrendered in terms of option(ii) of clause (a) or clause (b) of this Regulation, the Construction Bank Guarantee furnished under Connectivity Regulations shall be encashed to the extent of estimated cost of ATS system augmentation has been awarded for implementation, subject to capping of the bank guarantee already furnished and balance, if any, shall be returned. The quantum of Connectivity granted under the Connectivity Regulations for such quantum of Long term Access which has been surrendered shall be treated as per clause (1) of this regulation.

To be Amended as:

In case, the entity exercises the option (i) of clause (a) of this Regulation to convert the Long term Access granted under the Connectivity Regulations as GNA deemed to have been granted under these regulations, the Construction Bank Guarantee already furnished shall be treated as Conn-BG 1 for Rs 50 lakhs and balance as Conn-BG2 under these regulations. subject to the Cap of Rs. 2 lakh/MW corresponding to Long term access quantum. In such case, the excess amount of Construction Bank Guarantee shall be returned. In case any Conn- BG1 & Conn-BG2 has been furnished under Connectivity Regulations, the same shall be adjusted in Conn-BG.

In case no construction bank guarantee has been furnished pursuant to

	under clause (a) of this Regulation. In case any Conn-	signing of PPA and PSA, it shall furnish Conn-BG 1 for Rs. 50 lakhs and
	BG2 has been furnished under Connectivity Regulations,	Conn-BG3-@ Rs. 2 lakh/MW corresponding to such Long term access
	the same shall be treated as Conn-BG2 under these	quantum within two (2) months of exercising the option (i) under clause (a)
	regulations. The Conn-BG1,Conn-BG2 and Conn-BG3 shall	of this Regulation. In case any Conn- BG1 & Conn-BG2 has been
	be treated in terms of Regulations 16.1 to 16.4 of these	furnished under Connectivity Regulations, the same shall be treated
	regulations.	Conn-BG shall be submitted after adjusting amount of Conn- BG1 &
		as Conn-BG2 under these regulations. The Conn-BG1,Conn-BG2 and
		Conn-BG3 shall be treated in terms of Regulations 16.1 to 16.4 of these
		regulations.
37.3 (3)	e) On conversion of Construction bank guarantee as Conn-	To be Amended as:
(e)	BG1 and Conn-BG2 or furnishing of Conn-BG1 and Conn-	On conversion of Construction bank guarantee as Conn-BG 1 and Conn-
	BG3 in terms of clause (d) of this Regulation, as applicable,	BG2 or furnishing of Conn-BG1 and Conn-BG3 in terms of clause (d) of this
	the Long term Access granted under the Connectivity	Regulation, as applicable, the Long-term Access granted under the
	Regulations shall be treated as GNA deemed to have been	Connectivity Regulations shall be treated as GNA deemed to have been
	granted under these regulations. The existing agreements	granted under these regulations. The existing agreements between the entity
	between the entity and the Nodal Agency shall be aligned	and the Nodal Agency shall be aligned in line with provisions of these
	in line with provisions of these regulations.	regulations.
37.3 (3)	In case the entity fails to furnish Conn-BG1 and Conn-BG3	To be Amended as:
	in terms of clause (d) of this Regulation, the Long-term	In case the entity fails to furnish Conn-BG1 and Conn-BG3 in terms of clause
	access granted to the entity under the Connectivity	(d) of this Regulation, the Long-term access granted to the entity under the
	Regulations shall be considered as surrendered in terms of	Connectivity Regulations shall be considered as surrendered in terms of
	clause (b) of this Regulation	clause (b) of this Regulation

37.4(d)	d) In case, the entity exercises the option (i) of clause (a) of	To be Amended as:
	this Regulation to convert the Medium-term open Access	d) In case, the entity exercises the option (i) of clause (a) of this Regulation
	granted under the Connectivity Regulations as GNA under	to convert the Medium-term open Access granted under the Connectivity
	these regulations, it shall furnish Conn-BG3 @ Rs. 2	Regulations as GNA under these regulations, it shall furnish Conn-BG @
	lakh/MW corresponding to such MTOA quantum within two	Rs. 2 lakh/MW corresponding to such MTOA quantum within two (2) months
	(2) months of exercising option (i) under clause (a) of this	of exercising option (i) under clause (a) of this Regulation, which shall be
	Regulation, which shall be returned after completion of the	returned after completion of the term of MTOA. In case such entity has
	term of MTOA. In case such entity has furnished any bank	furnished any bank guarantee for MTOA, the same shall be adjusted. Such
	guarantee for MTOA, the same shall be adjusted. Such	MTOA shall be treated as GNA deemed to have been granted under these
	MTOA shall be treated as GNA deemed to have been	regulations till expiry of the of MTOA.
	granted under these regulations till expiry of the of MTOA.	
37.4(e)	On furnishing of Conn-BG3 under clause (d) of this	To be Amended as:
	Regulation, Medium term open Access granted under the	On furnishing of Conn-BG under clause (d) of this Regulation, Medium term
	Connectivity Regulations shall be treated as GNA deemed to	open Access granted under the Connectivity Regulations shall be treated as
	have been granted under these regulations. The existing	GNA deemed to have been granted under these regulations. The existing
	agreements between the entity and the Nodal Agency shall	agreements between the entity and the Nodal Agency shall be aligned in line
	be aligned in line with provisions of these regulations.	with provisions of these regulations.
37.4(f)	In case the entity fails to furnish Conn-BG3 in terms of clause	To be Amended as:
	(d) of this Regulation, the MTOA granted to the entity under	In case the entity fails to furnish Conn-BG in terms of clause (d) of this
	the Connectivity Regulations shall be considered as	Regulation, the MTOA granted to the entity under the Connectivity
	surrendered in terms of clause (b) of this Regulation	Regulations shall be considered as surrendered in terms of clause (b) of this
		Regulation

In case additional GNA as applied for under Regulation 17.2

(1)(a) can be granted on existing transmission system, the Nodal Agency shall grant such additional GNA on furnishing Conn-BG3 @ Rs.2 lakh/MW. Conn-BG3 shall be returned in five equal parts over the next five years starting from the year when such GNA becomes effective or in accordance with Regulation 16.2 of these regulations, whichever is later.

Provided that in case connectivity is relinquished in terms of Regulation 24.1 of these regulations, subsisting Conn-BG3 shall be encashed....

To be Amended as:

In case additional GNA as applied for under Regulation 17.2 can be granted on existing transmission system, the Nodal Agency shall grant such additional GNA on furnishing Conn-BG3 @ Rs.2 lakh/MW. Conn-BG3 shall be returned in five equal parts over the next five years starting from the year when such GNA becomes effective or in accordance with Regulation 16.2 of these regulations, whichever is later.

Provided that in case connectivity is relinquished in terms of Regulation 24.1 of these regulations, subsisting Conn-BG shall be encashed.

37.6 (1)(b)

In case ATS is required for granting such additional GNA, the application shall be processed in accordance with Regulation 8.3 of these regulations. Such additional GNA shall be granted on furnishing of Conn-BG2. The Conn-BG1 shall be returned within 30 days of declaration of commercial operation of capacity for which additional GNA has been granted. Conn-BG2 shall be returned in five equal parts over five years starting from the year when such GNA becomes effective or in accordance with Regulation 16.2 of these regulations, whichever is later.

Provided that in case connectivity is relinquished in terms of Regulation 24.1, subsisting Conn-BG2 shall be encashed in

To be Amended as:

In case ATS Network Expansion is required for granting such additional GNA, the application shall be processed in accordance with Regulation 8.3 of these regulations. Such additional GNA shall be granted on furnishing of Conn-BG2. The Conn-BG4 shall be returned within 30 days of declaration of commercial operation of capacity for which additional GNA has been granted. Conn-BG2 shall be returned in five equal parts over five years starting from the year-when such GNA becomes effective or in accordance with Regulation 16.2 of these regulations, whichever is later.

Provided that in case connectivity is relinquished in terms of Regulation 24.1, subsisting Conn-BG2 shall be encashed in terms of Regulation 24.2 of these regulations.

	terms of Regulation 24.2 of these regulations.	
37.6 (2)	Entities covered under Regulation 4.1 of these regulations	To be Amended as:
	which have been granted Long Term Access to the target	Entities covered under Regulation 4.1 of these regulations which have been
	region, shall furnish Conn-BG3 @ Rs. 2 lakh/MW. On	granted Long Term Access to the target region, shall furnish Conn-BG3 @ Rs.
	furnishing such Conn-BG3, these entities shall be treated	2 lakh/MW. On furnishing such Conn-BG3, these entities shall be treated as
	as Connectivity grantee under these regulations having	Connectivity grantee under these regulations having GNA corresponding to
	GNA corresponding to such Long term access. Conn-BG3	such Long-term access. Conn-BG shall be submitted after adjusting
	shall be returned in five equal parts over the next five	amount of Conn- BG1 & as Conn-BG2 under Connectivity regulations.
	years starting from the year when such GNA becomes	The Conn-BG shall be returned. Conn-BG3 shall be returned in five equal
	effective or in accordance with Regulation 16.2 of these	parts over the next five years starting from the year when such GNA
	regulations, whichever is later.	becomes effective or in accordance with Regulation 16.2 of these
		regulations, whichever is later.
	Provided that in case Connectivity is relinquished in terms	Provided that in case Connectivity is relinquished in terms of Regulation 24.1
	of Regulation 24.1 of these regulations, subsisting Conn-	of these regulations, subsisting Conn-BG3 shall be encashed.
	BG3 shall be encashed.	
39.1.	(a) Affidavit by the applicant as referred to in Regulation 5.8;	(a) Affidavit by the applicant as referred to in Regulation 5.8;
39.1.	(f) Intimation of details under clause (b) of Regulation 8.3;	(f) Intimation of details under clause (b) of Regulation 8.3;
39.1.	(g) Format for Conn-BG1,Conn-BG2 and Conn-BG3 under Regulation 8;	(g) Format for Conn-BG 1,Conn-BG2 and Conn-BG3 under Regulation 8;
39.1.	(i) Technical connection data under Regulation 10.1;	(i) Application for Connection Details and Technical connection data under Regulation 10.1;
39.1.	(k) Connectivity Agreement under Regulation 10.7;	(k) Connectivity Agreement under Regulation 10.7;
39.1	(m)Status updation of ATS and terminal bay(s) under	To be Amended as:
	regulation 11.2	

		m) Status updation of ATS and terminal bay(s) Network Expansion under regulation 11.2
40.3	The fees and charges for, National Load Despatch Centre,	To be Amended as:
	Regional Load Despatch Centres (including the charges for	To be America as.
	Unified Load Despatch Scheme) and State Load Despatch	The fees and charges for Central Transmission Utility, National Load
	Centres shall be payable by the GNA grantees as per the	Despatch Centre, Regional Load Despatch Centres (including the charges
	applicable Regulations.	for Unified Load Despatch Scheme) and State Load Despatch Centres shall
		be payable by the GNA grantees as per the applicable Regulations.