

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED
(Wholly Owned Subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref: CTU/S/Conn & LTA

08th Nov, 2021

As per Distribution List

Sub: 59th Meeting of Southern Region Constituents regarding LTA and Connectivity applications in Southern Region held on 28.10.2021 – Minutes of meeting


Dear Sir,

Please find enclosed the minutes of the 58th meeting of Southern Region Constituents regarding LTA and Connectivity applications in Southern Region held on 28th October, 2021.

The minutes are also available at our website (www.powergrid.in >> CTU Open Access).

Thanking you,

Yours faithfully,



(Anil Kr. Meena)
Sr. DGM

Encl: Minutes

Distribution List:

1. Chief Engineer (PSP&A – I) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi – 110 066.	2. Director (Transmission/GEC) Ministry of New and Renewable Energy, Block 14, CGO Complex, Lodhi Road, New Delhi – 110003
3. Director (Transmission) Transmission Corp. of Andhra Pradesh Ltd. (APTRANSCO) Vidyut Soudha, Gunadala, Eluru Rd, Vijayawada, Andhra Pradesh – 520004	4. Member Secretary Southern Regional Power Committee 29, Race Course Cross Road Bangalore – 560 009.
5. Director (Grid Operation) Transmission Corp. of Telangana Ltd. Vidyut Soudha Hyderabad – 500 082 Fax : 040-23321751	6. Director (Transmission) Karnataka State Power Transmission Corp. Ltd., Cauvery Bhawan Bangalore – 560 009 Fax : 080-22228367
7. Director (Trans. & System Op.), Kerala State Electricity Board Ltd. Vidyuthi Bhawanam, Pattom, P.B. No. 1028 Thiruvananthapuram – 695 004. Fax : 0471-2444738	8. Director (Transmission Projects) Tamil Nadu Transmission Corporation Ltd (TANTRANSCO) 6th Floor, Eastern Wing, 800 Anna Salai, Chennai – 600 002 Fax : 044-28516362
9. Superintending Engineer –I First Floor, Electricity Department Gingy Salai, Puducherry – 605 001.	10. Director (SO) POSOCO 9 th Floor, IFCI Towers, 61, Nehru Place, New Delhi – 110019
11. Executive Director Southern Regional Load Dispatch Centre POSOCO 29, Race Course Cross Road, Bangalore – 560009	12. Director (Power System) Solar Energy Corporation of India Ltd. D-3, 1 st Floor, A wing, Religare Building, District Centre, Saket, New Delhi – 110017

Connectivity/LTA Applicant

<p>1. Shri Tejas Shinde Associate Project-Development Viento Renewables Private Ltd. 306, Town Centre II, Andheri Kurla Road, Marol,Andheri East, Mumbai, Maharashtra Email: tejas.shinde@egreenpwr.com devanand.gorate@egreenpwr.com</p>	<p>2. Shri Rajesh Kumar Gupta Associate General Manager Adani Renewable Energy Holding Fifteen Ltd. 4th Floor, South Wing, Adani Corporate House, Shantigram, S G Highway Ahmedabad, Gujarat-382421 Email: rajesh.gupta@adani.com rajasr.acharya@adani.com</p>
<p>3. Shri P. Krishnaiah Chief General Manager (IPC&RAC) Southern Power Distribution Company of Telangan Ltd. (TSSPDCL) 6-1-50, Corporate Office, Mint Compound, Hyderabad, Telangana Email: seipctsspdcl@gmail.com ractsspdcl@gmail.com</p>	<p>4. Shri Sumitananda Roy AVP Renew Power Pvt Ltd Renew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase-V Gurugram-122009, Haryana Email: Sumitananda.Roy@renewpower.in ashish.shukla@renewpower.in</p>

Minutes of the 59th SR constituents meeting regarding Connectivity/LTA Applications in SR held on 28.10.2021

1.0 The 59th meeting of Southern Region constituents regarding Connectivity/LTA Applications in SR was held on 29.09.2021 through video conference. List of the participants is enclosed at Annexure-I.

2.0 Dy. COO (CTU) welcomed the participants and thereafter, the agenda was taken-up for discussions.

3.0 Minutes of the 58th meeting of Southern Region constituents regarding Connectivity / LTA Applications

CTU informed that the minutes of the 58th meeting of Southern Region constituents regarding Long Term Access and Connectivity applications of Southern Region held on 29.09.2021 through video conferencing were issued vide letter dated 12.10.2021. As no comments/observations have been received, accordingly it was agreed to confirm the minutes as circulated.

4.0 Proposal for grant of connectivity to the applications received from renewable energy sources

CTU informed that one no. of Stage-I and stage-II Connectivity application each has been received in conformity with CERC Regulations in the month of Sept, 2021. Details of the application along with the proposal are given below:

Stage-I Connectivity:

Sl. No.	Application No.	Applicant Name	Location	Date of Application	Connectivity Sought (MW)	Nature of Applicant	Proposed Connectivity location	Start date of Connectivity	Proposed Tr. System for Connectivity
1.	1200003432	Viento Renewables Private Ltd.	Thoothukudi, Tamil Nadu	01.09.2021	150	Generator (Wind)	Tuticorin-II GIS	01.12.2022	Through dedicated line of GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line

Stage-II Connectivity:

Sl. No.	Application No.	Applicant Name	Stage-I Application no. & quantum	Location	Date of Application	Connectivity Sought (MW)	Nature of Applicant	Proposed Connectivity location	Start date of Connectivity	Proposed Tr. System for Connectivity
1.	1200003442	Viento Renewables Private Ltd.	1200003432 (150 MW)	Thoothukudi, Tamil Nadu	13.09.2021	150	Generator (Wind)	Tuticorin-II GIS	01.12.2022	Through dedicated line of GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line

It was informed that M/s Viento renewables Pvt Ltd. (VRPL) has submitted above Stage-I & Stage-II Connectivity applications on basis of Power Purchase Agreement (PPA) signed between M/s VREPL and M/s SECI as Renewable Energy Implementing Agency (REIA) for seeking Stage-I & Stage-II Connectivity for 150 MW at Tuticorin-II GIS S/s for their windfarms in Thoothukudi, Tamil Nadu. Earlier also (in 52nd SR constituents meeting regarding Connectivity/LTA Applications in SR held on 31.03.2021) M/s VRPL was granted Stage-I and Stage-II connectivity for 80MW and 79.2MW respectively through dedicated line of GRT Jewellers (India) Pvt Ltd (M/s GRTJPL). M/s VRPL was required to submit Agreement with M/s GRTJPL for sharing dedicated system of M/s GRTJPL for grant of Stage-II Connectivity. However, M/s VRPL had failed to submit the requisite agreement, therefore, Stage-II Connectivity application was cancelled.

Further, Tuticorin-II GIS S/s has been closed for grant of Connectivity with allocation of new 230kV bay, however enhancement in the Connectivity may be granted to the extent margins are available. M/s GRTJPL has been granted stage-II Connectivity for 150MW at Tuticorin-II GIS through GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line and the dedicated transmission line is under implementation with minimum power transfer capacity of 300 MW. Accordingly, the dedicated transmission line has margins of 150 MW for grant of Connectivity to M/s VRPL.

CTU informed that with consideration of proposed 150 MW Stage-I Connectivity, total cumulative Stage-I Connectivity for M/s VRPL at Tuticorin-II GIS S/s shall be 230MW (150 MW + 80MW granted vide intimation dated 16.07.2021 for applications no. 120003043). Towards this, M/s VRPL informed that it is planning for 300MW project in Tuticorin/Tirunelveli area. Out of 300MW project, Stage-I (application no 1200003432) and Stage-II applications (application no 1200003442) corresponding to 150MW are under PPA route and will be taken up for implementation now and rest of the generation project corresponding to 150MW will be developed later.

CTU informed that earlier granted Stage-I Connectivity for 80 MW is also through dedicated line of GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line. With grant of above proposed Stage-I Connectivity for 150 MW (application no 1200003432) through dedicated line of M/s GRTJPL, total Connectivity granted through dedicated line would be 380MW against it's capacity of 300MW. In view of only about 80 MW balance capacity in above corridor, CTU asked whether M/s VRPL may like to review it's Stage-I Connectivity quantum. Towards this M/s VRPL stated that it would like continue with both Stage-I Connectivity for 80 MW and 150 MW. CTU mentioned as Stage-I Connectivity for 230 MW RE generation capacity can't be granted through dedicated line, GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line, therefore the same may be provided through sharing of two different dedicated lines of Connectivity grantees at Tuticorin-II GIS S/s.

After detailed discussion it was agreed that Stage-I (application no 1200003432) & Stage-II (application no 1200003442) Connectivity for 150 MW may be granted to M/s VRPL through dedicated line of M/s GRTJPL and Stage-I Connectivity for 80 MW (application no 1200003043), granted vide intimation dated 16.07.2021, through dedicated line of M/s GRTJPL may be revised and granted along with

dedicated line of M/s Orange Sironj Wind Power Pvt. Ltd. (OSWPPL), which had been granted Connectivity for 200MW at Tuticorin-II GIS S/s. However, terms and Conditions of the revised Stage-I Connectivity for application no 1200003043 shall remain same as that in intimation dated 16.07.2021.

CTU, further stated that M/s VRPL is required to submit sharing agreement with M/s GRTJPL for sharing of it's dedicated line, GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line, for connectivity of the 150MW at Tuticorin-II GIS and Stage-II Connectivity Intimation shall be issued only after receipt of the above Agreement. M/s VRPL agreed for the same and stated that it will submit the agreement within 7 day of this meeting.

Representative from M/s GRT Jewellers (India) Pvt Ltd stated that they agree for the above proposal.

Details of Stage-I and Stage-II Connectivity System is as given below.

Dedicated transmission system for Stage-I (application no 1200003432) and Stage-II (application no 1200003442) Connectivity of 150MW RE generation project of M/s VRPL :

- M/s VRPL 230kv switchyard – M/s GRTJPL 230kV switchyard S/c line along with associated bays – under the scope of applicant.
- M/s GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line along with bays– under the scope of M/s GRTJPL (agreed in 38th meeting of SR constituents regarding Connectivity/LTA Applications in SR to be held on 26.11.2019)
- Sharing of M/s GRT Jewellers (India) Pvt Ltd – Tuticorin-II 230kV S/c line of M/s GRTJPL for Connectivity: Sharing agreement between M/s GRTJPL and M/s VRPL to be submitted by M/s VRPL for sharing of dedicated transmission line.

Dedicated transmission system for Stage-I (application no 1200003043) Connectivity of 80MW RE generation project of M/s VRPL :

- Through dedicated line of M/s Orange Sironj Wind Power Pvt. Ltd., i.e. Orange Sironj – Tuticorin-II GIS 230kV S/c line

Further, it was informed that Stage-I Connectivity grantee shall be required to update the quarterly progress of development of their generation project and associated transmission infrastructure online as per format RCON-I-M. The Stage-II Connectivity grantee shall furnish progress of the monitoring parameters on quarterly basis online in the format given at FORMAT-RCON-II-M by the last day of each quarter. Failure to update progress of the monitoring parameters shall be considered as adverse progress and, in such case, CTU shall approach the Commission for appropriate directions.

The Stage-II Connectivity grantees are required to sign the Transmission Agreement within 30 days from Grant of Stage-II Connectivity and shall furnish the applicable Connectivity Bank Guarantee (Conn-BG1) of Rs. 50 lakhs, no extension shall be granted on any ground. In case of failure to sign the Agreement and / or to furnish the Conn-BG1, Grant of Stage-II Connectivity shall be revoked without any prior notice.

Stage-II Connectivity grantees shall be required to complete the dedicated transmission line(s) and pooling sub-station(s) on or before six months after the scheduled date of commercial operation as intimated at time of making application for grant of Stage-II Connectivity. If the grantee fails to complete the dedicated transmission line within the stipulated period, the Conn-BG1 of the grantee shall be encashed and Stage-II connectivity shall be revoked. Further, applicant shall abide by the provisions mentioned at Annexure-I with respect to grant of connectivity.

M/s VRPL agreed to abide all provisions of CERC Regulations including as above.

5.0 Proposal for grant of LTA to the applications received from renewable energy sources

CTU informed that 02 nos. of LTA applications have been received for drawl of power from RE base generation projects located in Southern Region. Details of the applications are as below.

Sl. No.	LTA Application No.	Applicant Name	Nature of Applicant	Location	LTA Quantum (MW)	Injection point	Drawl point	Start date of LTA (as per application)	End date of LTA (as per application)
1.	12000023459	Adani Renewable Energy Holding Fifteen Limited	Generator (Wind)	Lakundi, Gadag, Karnataka	300	Koppal PS, Karnataka	On target basis : i) Jaipur Vidyut Vitaran Nigam Limited, Rajasthan – 120.81 MW ii) Ajmer Vidyut Vitaran Nigam Limited, Rajasthan – 81.42 MW iii) Jodhpur Vidyut Vitaran Nigam Limited, Rajasthan – 97.77 MW	10.03.2023	10.03.2048
2.	1200003420	Southern Power Distribution Company of Telangana Ltd. (TSSPDCL)	Distribution Licensee	Telangana	162.27	Tuticorin-II GIS, Tuticorin, Tamil Nadu	Southern Power Distribution Company of Telangana (TSSPDCL)	19.02.2022	18.02.2047

5.1 Regarding application at Sl. No.1 of M/s Adani Renewable Energy Holding Fifteen Limited (AREHFL) seeking grant of LTA for 300MW on target region basis from 10.03.2023 to 10.03.2048 with injection at Koppal PS and drawl in Northern Region, CTU informed that Stage-II Connectivity for 300 MW has been granted to M/s AREHFL for its proposed 300MW wind power project at Lakundi, Gadag, Karnataka.

Presently, LTA of 600 MW has been agreed at Koppal PS with establishment of 400/220kV Koppal PS and Koppal PS – Narendra (New) 400kV (quad) D/c line. With the present proposal of grant of LTA to M/s AREHPL for 300 MW LTA, the total LTA quantum at Koppal PS becomes 900MW. With the proposal, total LTA at Koppal and Gadag REZ shall be 1360 MW (Koppal – 900 MW + Gadag - 460 MW), which shall be evacuated through Narendra New (GIS) S/s. System studies has been carried out along with reconductoring of Kolhapur (PG) – Kolhapur (MSETCL) 400kV D/c line which has already been agreed as Regional System Strengthening scheme. From system studies, observed loadings are within order.

SRLDC stated that as margin is not available in existing system beyond Kolhapur and constrained are observed during N-1 contingency, therefore it must be ensured that reconductoring of Kolhapur (PG) – Kolhapur (MSETCL) 400kV D/c line should be in place before evacuation of power through above referred LTA. Towards this, CTU informed that reconductoring of Kolhapur (PG) – Kolhapur (MSETCL) 400kV D/c line has already been agreed in NCT and OM for same is yet to be issued by MoP. As per minutes of the NCT meeting, implementation time frame for reconductoring of the line is 15 months from date of issue of OM by MoP. Therefore, it is expected that reconductoring shall be completed before or in matching time frame of transmission system for Koppal REZ.

After deliberation it was agreed to grant LTA to M/s AREHPL for its proposed 300MW wind power project at Lakundi, Gadag, Karnataka on target basis with start date of LTA as 10.03.2023 or availability of common transmission system & common system strengthening scheme, whichever is later. Details of the common transmission system & common system strengthening scheme is as given below.

Common Transmission System for LTA

- i. Establishment of 2X500 MVA, 400/220kV Koppal Pooling station near Munirabad/suitable location in Koppal distt.
- ii. Koppal PS – Narendra (New) 400kV (quad) D/c line
- iii. 2x125 MVA, 400kV bus reactor at Koppal PS

Common System Strengthening Scheme

- i. Kolhapur (PG) (GIS) - Kolhapur (MH) 400kV D/c line reconductoring with HTLS conductor with capacity of at least 2100MVA at nominal voltage along with bay upgradation at both ends (as required)

It was also informed that implementation of transmission system for REZ at Koppal is yet to be taken up. Regulatory approval from CERC is awaited and CERC has reserved its order. Further, as per RFP documents, implementation schedule for the scheme is matching with schedule of RE developers of 18 months from the transfer of SPV, whichever is later. Transfer of SPV is expected by Nov./Dec.'21.

Further, the LTA grantees are required to sign the Long-Term Access Agreement within 30 days from the date of intimation of Grant of LTA and submit the CBG @ 5 lakh/MW in accordance with the LTA Agreement. No extension shall be granted on any ground and in case of failure to sign the Agreement, Grant of LTA shall be revoked without any prior notice. The transmission charges shall be applicable from the date of start of LTA, as sought by applicant, irrespective of the status of commissioning of generation project.

M/s AREHFL noted the same and agreed with above proposal for grant of LTA and confirmed that it shall abide with all provisions of CERC Regulations.

5.2

Sl. No.	LTA Application No.	Applicant Name	Nature of Applicant	Location	LTA Quantum (MW)	Injection point	Drawl point	Start date of LTA (as per application)	End date of LTA (as per application)
1.	1200003420	Southern Power Distribution Company of Telangana Ltd. (TSSPDCL)	Distribution Licensee	Telangana	162.27	Tuticorin-II GIS, Tuticorin, Tamil Nadu	Southern Power Distribution Company of Telangana (TSSPDCL)	19.02.2022	18.02.2047

Regarding above application of M/s Power Distribution Company of Telangana Ltd. (TSSPDCL) seeking LTA for 162.27 MW with start date of 19.02.2022 upto 18.02.2047 from 230MW solar based power project of M/s NTPC Ltd. at Ettayapuram, Tuticorin, which has already been granted Connectivity at Tuticorin-II GIS S/s, CTU informed that the Tuticorin-II GIS PS has been established as part of Green Energy Corridor-I for integration of RE potential of 2.5 GW in the Tuticorin / Tirunelveli area of Tamil Nadu. Initially 2x500MVA ICTs were commissioned at Tuticorin-II and 3rd 500 MVA ICT is under advanced stage of implementation. Further, implementation of 4th ICT was envisaged with the LTA exceeding 1500 MW. Presently LTA of 1640.1 MW has already been granted to RE developers at Tuticorin-II GIS S/s. out of which 950.1 MW is already under operation. With consideration of above proposed LTA of 162.27MW, total LTA quantum granted/ agreed for grant at Tuticorin-II GIS will be 1802.37MW. As N-1 contingency criteria is not applicable for immediate connectivity of RE generating station and step up transformer at ISTS Grid S/s, accordingly, system studies were carried out with the consideration of 4X500MVA, 400/230kV ICT at Tuticorin-II PS. From the system study it is observed that line loadings are generally in order and no constraints are envisaged in evacuation/transfer of 162.27 MW of power from Tuticorin-II GIS to M/s TSSPDCL. It was also informed that the Regulatory Approval for implementation of 4th ICT is awaited from CERC.

M/s TSSPDCL requested to change the start and end date of LTA as 19.08.2022 and 18.08.2047 respectively. For same, the applicant was requested to submit the same through formal letter. The applicant was also requested to submit revised NoC with change in end date. Further, it was stated that LTA intimation shall be issued only after submission of revised NoC. M/s TSSPDCL agreed for same.

After deliberation, it was agreed to grant LTA to M/s TSSPDCL for 162.27 MW with start date of LTA as 19.08.2022 and or availability of transmission system for LTA, whichever is later.

Common Transmission System for LTA

- 1X500 MVA, 400/230kV ICT (4th) at Tuticorin-II PS

Subsequently, TSSPDCL submitted the formal request vide its letter dated 29.10.2021 for change of start and end of LTA from 19.02.2022 & 18.02.2047 to 19.08.2022 & 18.08.2047 respectively.

It was also informed that M/s TSSPDCL is required to sign the Long-Term Access Agreement within 30 days from the date of intimation of Grant of LTA. No extension shall be granted on any ground and in case of failure to sign the Agreement, Grant of LTA shall be revoked without any prior notice. The transmission charges shall be applicable from the date of start of LTA, as sought by applicant, irrespective of the status of commissioning of generation project. Representative from M/s TSSPDCL noted the same and agreed with above proposal for grant of LTA and confirmed that it shall abide with all provisions of CERC Regulations.

6.0 Agenda for part operationalisation of LTA granted to M/s ReNew Power Pvt Ltd.

CTU informed that M/s ReNew Power Private Limited (RPPL) has been granted Stage-II Connectivity & LTA of 300 MW for proposed wind farms in Chitradurga, Karnataka with the following details.

Sl. No.	LTA Application No.	Applicant Name	Nature of Applicant	Location	LTA Quantum (MW)	Injection	Drawal	Start date of LTA
1.	1200002343	ReNew Power Pvt Ltd (RPPL)	Generator (Wind)	Chitradurga, Karnataka	300	Hiriyur, Karnataka	NBPDCL – 138MW & SBPDCL – 162MW	15.09.2021 or Availability of 1x500 MVA, 400/220 kV ICT (3 rd) at Hiriyur whichever is later

The part LTA of 100.8 MW has already been operationalized as per the request of M/s RPPL in the margins of 100 MW available in the existing transmission network which was agreed in the 3rd RPC-TP meeting held on 24.08.2021. M/s RPPL vide its letter dated 19.10.2021 has requested for further operationalization of part LTA on the existing network. The anticipated commissioning schedule for balance capacity is as below :

Anticipated Capacity in MW	Tentative Date
31.5 MW	November 2021
31.5 MW	December 2021
31.5 MW	January 2022
31.5 MW	February 2022

31.5 MW	March 2022
31.5 MW	April 2022
10.5 MW	May 2022

SRLDC stated, as agreed in 3rd SRPC(TP) meeting along with operationalization of 100 MW of RE generation capacity by M/s RPPL, SPS is yet to be implemented by POWERGRID. ICTs at Hiriyur S/s is used for both drawl as well as injection of power, therefore N-1 contingency criteria for 400/220kV ICTs is also required to be considered. Presently wind is very low therefore injection of RE power from 220kV to 400kV bus is not an issue till April/May, however, due to high wind season from May onwards till Sept. the same reaches upto 450MW. As per 3rd SRPC(TP) meeting, 3rd ICT at Hiriyur is expected by Sept.'21 therefore it may not be possible to inject the more power in high wind season into the grid without ICT augmentation. SRLDC further stated that views of KPTCL must be considered.

M/s ReNew Power Pvt Ltd (RPPL) stated that project corresponding to 100.8 MW has already been commissioned and it is expected to commission additional 37.8 MW of generation capacity by Nov.'21 instead of 31.5 MW, as proposed earlier. It was requested to further operationalize the balance capacity. CTU stated that M/s RRPL is required to submit formal request for commissioning of additional 37.8MW of RE generation capacity by Nov.'21. M/s RRPL agreed for the same.

After detail deliberation, considering the margin available in the 2x315 MVA ICTs for injection of RE power, it was agreed to operationalize the 37.8 MW along with SPS as agreed in 3rd SRPC(TP) meeting. It was also decided that a special meeting shall be called with participation from SRLDC, KPTCL, CTU and M/s RRPL to discuss commissioning and operationalization of balance RE generation capacity (expected from Dec.'21 onwards) of M/s RRPL granted Connectivity at Hiriyur. SRLDC, M/s RRPL and other members agreed with the proposal of the CTU.

7.0 Applications from RE developers situated in other regions with drawl in Southern Region

CTU informed that following LTA applications were received in the month of Sept'21 for drawl in Southern Region:

Sl. No.	Application No.	Applicant	LTA Application date	Connectivity Injection Point	Connectivity Application	Drawl Point	Quantum of LTA (MW)	Start Date of LTA	End date of LTA
1	1200003418	Southern Power Distribution Company of Telangana Limited (TSSPDCL) (Distribution Licensee)	01.09.2021	NTPC Kawas (WR)	1200002457	TSSPDCL (Telangana), SR -Firm	39.5	24.12.2021	23.12.2046
	1200003419	Southern Power Distribution Company of Telangana Limited (TSSPDCL) (Distribution Licensee)	01.09.2021	NTPC Jhanor (WR)	1200002930	TSSPDCL (Telangana), SR -Firm	14.11	09.11.2021	08.11.2046

It was also stated that the above LTA application was being taken up for discussion and grant of LTA in the 64th meeting of WR for Connectivity & LTA applications scheduled to be held on 28.10.2021. The present ATC for import of power from NEW grid to Southern Region grid is 17,500 MW out of which ATC of about 10020 MW has been already allocated for LTA (firm + target – 10003 MW) and MTOA (13.65 MW). The above LTA applications involve transfer of 53.61 MW power from WR to SR grid and no constraints are envisaged for drawl of power in the existing transmission system.

M/s TSSPDCL requested to change the start and end date of LTA as 24.06.2022 & 23.05.2047 for application no 1200003418 09.05.2022 & 08.05.2047 for application no 1200003419 respectively.

SRLDC stated that constraints are observed at Ramagundam ICTs during high power drawl by Telangana. Same was also discussed in 3rd SRPC(TP) meeting. Therefore, it is expected that Telangana may face congestion in drawl of power from WR through above requested LTA applications. Towards this, TSSPDCL stated that it is re-arranging it's load to reduced constraints at Ramagundam ICTs.

CTU requested TSSPDCL to look into the matter to make ensure that no constraints are observed during drawl of power from above proposed LTA. Further, TSSPDCL is require to submit the formal request for change of start and end date of LTA. TSSPDCL agreed for the same.

After deliberation, it was agreed to approve grant of LTA based on available ATC between NEW grid and SR grid, subject to grant of LTA in 64th meeting of WR for Connectivity & LTA applications held on 28.10.2021.

Subsequently, TSSPDCL submitted the formal request vide its letter dated 29.10.2021 for change of start and end of LTA from 24.12.2021 & 23.12.2046 to 24.06.2022 & 23.06.2047 respectively for application no 1200003418 and from 09.11.2021 & 08.11.2046 to 09.05.2022 & 08.05.2047 respectively for application no 1200003419.

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Annexure-I

List of participants of 59th meeting of Southern Region Constituents regarding LTA and Connectivity applications in SR held on 28.10.2021

MNRE

1 Shri Rohit Thakwani Scientist "C"

Central Electricity Authority (CEA)

1 Smt. Manjari Chaturvedi Director (PSPA-I)

POSOCO

1. Shri SP Kumar CGM (SRLDC)
2. Smt. S Usha Sr.GM(WRLDC)
3. Smt. Pushpa Sheshadri GM(WRLDC)
4. Shri Madhukar DGM (SRLDC)
5. Shri L Sharath Chand Manager (SRLDC)

SECI

1 Shri K Roy GM (Projects)

CTUIL

1. Shri Ashok Pal Dy. COO
2. Shri Puneet Tyagi Sr. GM
3. Shri Rajesh Verma Sr. DGM
4. Shri Anil Kr Meena Sr. DGM
5. Shri Ajay Dahiya Chief Manager
6. Shri Amandeep Kala Chief Manager

- | | | |
|----|----------------------|---------|
| 7. | Shri Venkatesh Gorli | Manager |
| 8. | Shri Ankush Patel | Manager |
| 9. | Ms. Himanshi | Dy Mgr |

Connectivity Applicants

- | | | |
|----|------------------------|--|
| 1. | Shri Sunil Sharma | Special Chief Secretary, Energy, Telangana |
| 2. | Smt. N Laxmi Prabhakar | SE(IPC), TSSPDCL |
| 3. | Shri Tehas Shinde | Viento Renewables Private Ltd. |
| 4. | Shri Devanand Gorate | Viento Renewables Private Ltd. |
| 5. | Shri Ashish Shukla | Renew Power Pvt. Ltd. |
| 6. | Shri Senthil Kumar | Renew Power Pvt. Ltd. |
| 7. | Shri Rajesh Gupta | Adani Renewables Energy Holding Fifteen Ltd. |
| 8. | Shri Rajas Acharya | Adani Renewables Energy Holding Fifteen Ltd. |

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Annexure-II

The following provisions shall be applied with respect to grant of connectivity to RE projects to the ISTS Grid:

- The grant of Stage-I Connectivity shall not create any vested right in favor of the grantee on ISTS infrastructure including bays. Stage-I Connectivity grantee shall be required to update the quarterly progress of development of their generation project and associated transmission infrastructure/dedicated line as per format RCON-I-M by 30th day of June and 31st day of December of each year. Further, Stage-I Connectivity grantees who fail to apply for Stage-II Connectivity within 24 months from grant of Stage-I Connectivity shall cease to be Stage-I grantee and their Application fees shall be forfeited.
- If the capacity of the Stage-I Connectivity location is allocated to other Stage-II grantees, the balance Stage-I grantees shall be allocated Stage-II Connectivity to an alternate location.
- For optimization of ROW, it is proposed that transmission towers of various dedicated lines, up to 2-3 km periphery from the entry of the pooling station may be of Multi-circuit type. The generation developers/applicants associated with the various pooling stations may coordinate amongst themselves for implementation of such span/stretchers of the dedicated connectivity lines with M/C towers.
- The grant of Stage-I / Stage-II Connectivity shall not entitle an applicant to interchange any power with the grid unless it obtains LTA/MTOA/STOA for power transfer requirements. As grant of LTA may require transmission system strengthening, the applicants are advised to apply for LTA immediately, to enable timely transfer of power to the beneficiaries. Also as per the prevailing Transmission Planning Criteria of CEA, "N-1" contingency criteria may not be applied to the immediate connectivity of wind/solar farms with the ISTS/Intra State grid.
- Stage-II Connectivity Grantee shall sign the Transmission Agreement for Connectivity and submit the Connectivity Bank Guarantee (Conn-BG1 and Conn-BG2) to CTU within 30 days of issue of intimation. No extension of time shall be granted and in case of failure to sign the Agreement and / or to furnish the requisite bank guarantee, Stage-II Connectivity shall be cancelled under intimation to the grantee without any prior notice.
- Two or more Applicants may apply for Stage-II Connectivity at a common bay along with an agreement duly signed between such Applicants for sharing the Dedicated Transmission Line. The Stage-II Connectivity shall be granted to such Applicants subject to availability of capacity in the Dedicated Transmission Line. In such cases, Conn-BG1 and Conn-BG2, as applicable as per Clause 10.8 of the Revised RE Procedure, shall be submitted by each such Applicant.
- The Stage-II Connectivity grantee shall furnish progress of the monitoring parameters on quarterly basis in the format given at FORMAT-RCON-II-M by the last day of each quarter. Failure to update progress of the monitoring parameters shall be considered as adverse progress and in such case CTU shall approach the Commission for appropriate directions. Further, the Stage-II

Connectivity grantees shall be required to complete the dedicated transmission line(s) and pooling sub-station(s) as defined under para 11.2(A) of the Revised Detailed Procedure for RE. If the grantee fails to complete the dedicated transmission line within the stipulated period, the Conn-BG1 & Conn-BG2 of the grantee shall be encashed and Stage-II connectivity shall be revoked.

- Applicants after grant of Stage-II Connectivity to the grid shall have to furnish additional details to CTU for signing of “Connection Agreement” as per format given at FORMAT-CON-4. The finalized template of generation data for Solar and Wind based generation projects has been appended as additional sections at Para F (Details of Connection – Solar PV Station) and Para G (Details of Connection – Wind Generating Station) in the existing FORMAT-CON-4. The modified FORMAT CON-4 is available on our website (www.powergridindia.com >> CTU Open Access). The Applicants are advised to furnish such details as early as possible for enabling them have lead time for any type of access.
- The CTU will process the above information and will intimate the Connection details as per format given at FORMAT-CON-5. Pursuant to such Connection details, the applicant shall have to sign “Connection Agreement” with CTU prior to the physical interconnection as per format given at FORMAT-CON-6. In case the connectivity is granted to the ISTS of an inter-State transmission licensee other than the CTU, a tripartite agreement shall be signed between the applicant, the Central Transmission Utility and such inter-State transmission licensee, in line with the provisions of the Regulations.
- Applicants are required to submit the test reports supported vide undertaking as well as compliance certificate from manufacturer for all applicable provisions under the CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007 (as amended thereof) (including the provisions of LVRT/HVRT, active power injection control, dynamically varying reactive power support, limits for Harmonic & DC current injection, Flicker limits etc.) from labs accredited by Govt./NABL/other recognized agencies. In case any discrepancies / incompleteness are found in the documents / test reports submitted to CTU, the connection offer (CON-5) / connection agreement (CON-6) shall not be processed further.
- Not limited to above, applicant shall comply all respective provision of revised procedure for “Grant of Connectivity to Projects based on Renewable sources to Inter – State Transmission System” and CERC Regulation (Grant of Connectivity, Long-term Access and Medium term Open Access in ISTS and related matters), 2009 and amendment thereof.
- CEA vide order dated 09.11.2020, has mandated all power generating stations of 0.5 MW or above capacity to register themselves on CEA e-portal and get a Unique Registration Number (URN). The same is required as per Regulation 11 of Technical Standards for Connectivity with the Grid Regulations, 2007 prior to physical inter-connection of the Generating station with ISTS Grid.

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