

भारत सरकार  
केंद्रीयविद्युत प्राधिकरण  
दक्षिण क्षेत्रीय विद्युत समिति  
29, रेसकोर्स क्रॉस रोड  
बेंगलूरु -560009



Government of India  
Central Electricity Authority  
Southern Regional Power Committee  
29, Race Course Cross Road  
Bengaluru-560 009

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सं/No. SRPC/SE(C)/RTA&RTDA/2022/	दिनांक /Date	29 <sup>th</sup> April 2022

सेवार्मे / To

वितरण सूची के अनुसार  
As per Distribution List

विषय: मई 2022 महीने का क्षेत्रीय पारेषण लेखा

Subject: Regional Transmission Account & Regional Transmission Deviation Account for the billing month of May 2022(Billing Period: March 2022)-reg.

महोदय /Sir,

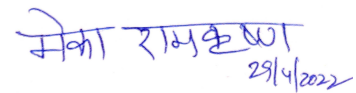
CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020 came into effect from 01.11.2020. As per the Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25<sup>th</sup> day of the month following billing period. Accordingly, Implementing Agency (IA) vide letter dated 26.04.2022 has notified the Transmission Charges payable by DICs for the billing month of May 2022(**Annexure-I**).

Regional Transmission Account (RTA) and Regional Transmission Deviation Account (RTDA) for the billing period of March 2022 (billing month: May 2022) in respect of Southern Region has been prepared based on the data furnished by IA and as per CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020 and the methodology for computation of Transmission Deviation for the cases (i) CGS/ISGS is connected to both ISTS & STU system and LTA for the state is exempted/not granted and (ii) CGS/ISGS is connected to only STU network and LTA to the state is exempted as agreed in the 51<sup>st</sup> Meeting of Commercial Sub-Committee held on 22.04.2022. The methodology of computation of Transmission Deviation is at **Annexure-II**. Transmission charges of the state are bifurcated on pro rata basis on the basis of LTA/MTOA of the DICs included in the state's control area. RTA/ RTDA are made available on SRPC website [www.srpc.kar.nic.in](http://www.srpc.kar.nic.in).

Discrepancy, if any, may please be reported within 15 days from the date of issue of the accounts.

Yours faithfully,

संलग्नक: यथोपरि/ Encl: as above

  
29/4/2022

(मेका रामकृष्ण/ MEKA RAMAKRISHNA  
अधीक्षण अभियन्ता(वा)/Superintending Engineer (C)

भारत सरकार

**GOVERNMENT OF INDIA**

उर्जा मंत्रालय

**MINISTRY OF POWER**

केन्द्रीय विद्युत प्राधिकरण

**CENTRAL ELECTRICITY AUTHORITY**

दक्षिण क्षेत्रीय विद्युत समिति

**SOUTHERN REGIONAL POWER COMMITTEE**

क्षेत्रीय पारेषण लेखा

**REGIONAL TRANSMISSION ACCOUNT**

**&**

**REGIONAL TRANSMISSION DEVIATION ACCOUNT**

**Billing Period: March 2022**

**Billing Month: May, 2022**

# 1. Transmission Charges for Designated ISTS Customers (DICs) for the billing Period March, 2022

## Billing Month: May, 2022

DIC	LTA / MToA (MW)	Usage based AC system charges (Rs.)	Balance AC system charges (Rs.)	National Component (Rs.) (NC-RE)	National Component (Rs.) (NC-HVDC)	Regional Component (Rs.)	Transformer Component (Rs.)	Total Transmission Charges (Rs.)
Andhra Pradesh	1681.795	21,47,10,130	30,72,65,820	2,78,16,149	3,56,46,417	2,51,06,870	3,01,12,213	64,06,57,598
Karnataka (BESCOM)	3,240.392	24,19,85,846	59,20,23,211	5,35,94,655	6,86,81,594	4,83,74,563	5,57,36,254	1,06,03,96,123
Karnataka (HESCOM)	386.923	2,88,94,591	7,06,91,196	63,99,530	82,01,003	57,76,219	66,55,250	12,66,17,789
Karnataka (GESCOM)	715.506	5,34,32,550	13,07,23,801	1,18,34,159	1,51,65,485	1,06,81,518	1,23,07,043	23,41,44,556
Karnataka (MESCOM)	506.318	3,78,10,758	9,25,04,774	83,74,269	1,07,31,632	75,58,619	87,08,898	16,56,88,950
Karnataka (CESCOM)	668.059	4,98,89,308	12,20,55,190	1,10,49,408	1,41,59,825	99,73,201	1,14,90,933	21,86,17,864
Kerala	2785.293	22,44,63,715	50,88,76,069	4,60,67,514	5,90,35,556	4,15,80,561	5,19,76,537	93,19,99,951
Tamil Nadu	8,121.146	76,07,98,678	1,48,37,42,372	13,43,20,174	17,21,31,411	12,12,37,457	9,44,77,610	2,76,67,07,701
Telangana	3937.269	16,78,79,131	71,93,43,486	6,51,20,700	8,34,52,230	5,87,77,977	3,28,30,409	1,12,74,03,933
Puducherry	486.507	1,47,80,281	8,88,85,398	80,46,614	1,03,11,742	72,62,878	1,42,71,984	14,35,58,896
PGCIL(SR)	3.976	4,28,121	7,26,420	65,761	84,273	59,356	70,133	14,34,065
PUGALUR HVDC(SR)	2.916	2,73,175	5,32,757	48,229	61,806	43,532	33,923	9,93,422
THRISSUR HVDC(SR)	1.004	80,911	1,83,432	16,606	21,280	14,988	18,736	3,35,954
Goa(SR)	92.985	1,07,473	1,69,88,464	15,37,931	19,70,860	13,88,137	0	2,19,92,864
Sembcorp Energy India Ltd Project-II (SGPL)	490.000	4,74,06,989	8,95,23,548	81,04,384	1,03,85,775	73,15,021	0	16,27,35,718
Sembcorp Energy India Ltd Project-I (TPCIL/SEIL)	55.000	35,43,000	1,00,48,562	9,09,676	11,65,750	8,21,074	0	1,64,88,061
South Western Railways	45.000	33,60,508	82,21,550	7,44,280	9,53,796	6,71,788	7,74,021	1,47,25,943
SAIL, Salem	13.650	12,78,748	24,93,870	2,25,765	2,89,318	2,03,776	1,58,798	46,50,275
<b>Total(SR)</b>								<b>7,63,91,49,664</b>

## 2. Details of Entity-wise Bilateral Billing

DIC	Name of the Assets	Bilateral Charges (Rs.)	Remarks
Karnataka DISCOMS	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri-Nittur line	<b>8,38,359</b>	As per Regulation 13(12) of Sharing Regulations 2020
Karnataka Power Transmission Corporation Limited (KPTCL)	04 No. 220 KV bays at 400/220kV Yelahanka Substation	<b>27,10,419</b>	As per Regulation 13(12) of Sharing Regulations 2020
Sembcorp Energy India Ltd Project-I (TPCIL/SEIL)	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	<b>1,16,842</b>	As per Regulation 13(9) of Sharing Regulations 2020

DIC	Name of the Assets	Bilateral Charges (Rs.)	Remarks
BHAVINI	Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR -Arani 230KV D/C Line, Asset3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230kV Bays at Kanchipuram Sub-station of TNEB	<b>2,04,69,173</b>	As per Regulation 13(3) of Sharing Regulations 2020
Betam	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	<b>4,83,670</b>	As per Regulation 13(3) of Sharing Regulations 2020
Sembcorp Energy India Ltd Project-II	YTC of NCC Power projects Ltd. - Nellore PS 400kV D/c (quad)	<b>71,95,939</b>	As per Regulation 13(9) of Sharing Regulations 2020
AP Solar Power Corporation Pvt Ltd (APSPCL)	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	<b>12,76,471</b>	As per Regulation 13(3) of Sharing Regulations 2020
<b>Total Bilateral Charges</b>		<b>3,30,90,873</b>	

## 2.a. Transmission Charges to be paid by DICs under Regulation 13(7)

Where Long Term Access is granted to a generating station on existing margins and COD of the generating station or unit(s) thereof is delayed

Name of Genertaing Station	State	Capcity (MW)	LTA granted (MW)	Commissioned Capacity (MW)	Date of LTA Operation	Delayed Capacity (MW)	Transmission Charges (Rs.)
ReNew Power Pvt Limited	Karnataka	-	138.6	136.5	63 MW: 24.09.21, 10.5 MW: 11.10.21, 12.6 MW: 19.10.21, 14.7 MW: 26.10.21, 16.8 MW: 11.11.21, 10.5 MW: 23.11.21, 10.5 MW: 30.11.21	2.1	68,721
GRT Jewellers (India) Pvt Ltd	Tamil Nadu	-	150	50	150 MW: 23.03.2022	100	1373708

### 3 . Details of Regional Transmission Deviation Charges

Entity	Transmission Deviation Charges Payable (Rs)
Andhra Pradesh	34,64,70,408
Karnataka	0
Kerala	59,473
Tamil Nadu	27,00,20,456
Telangana	29,32,38,223
Puducherry	0
PGCIL(SR)	0
PUGALUR HVDC(SR)	24,221
THRISSUR HVDC(SR)	0
Goa(SR)	22,10,889
NTPC,RSTPS 1& 2	0
NTPC, RSTPS 3	1,95,788
NTPC, TALCHER 2	52,61,290
NTPC, SIMHADRI 2	1,67,966
NTPC, SIMHADRI 1	1,24,342
NTPC, KUDGI STAGE 1	13,15,351
NTECL, VALLUR	325
NLC TS II Stage 1	6,69,724
NLC TS II Stage 2	1,33,856
NLC Stage 1 EXPN	10,65,468
NLC Stage 2 EXPN	10,61,124
NTPL	37,182
NNTPP	18,71,518
NPCIL,KGS 1 & 2	19,005
NPCIL, KGS 3 & 4	1,17,46,134
NPCIL, MAPS	0
NPCIL, KKNPP UNIT 1	1,07,66,545
NPCIL, KKNPP UNIT 2	1,03,04,783
<b>Seller</b>	
LKPPL STAGE 2	0
LKPPL STAGE 3	1,72,979
MEPL	2,76,035
SEL	2,13,066
SEIL/ TPCIL	5,27,562
COASTAL ENERGEN	11,54,223
IL&FS	10,10,156
SEIL Project 2/SGPL	0

### 3 (a). Details of Deviation DIC Wise in MW

DIC	Rate Rs/MW	Excess Injection (MW)	Excess Withdrawal (MW)	Charges For Excess Injection/Withdrawal (Rs)
<b>Beneficiaries</b>				
Andhra Pradesh	138.88	0	2494746.6	346470408
Karnataka	119.31	0	0	0
Kerala	121.99	0	487.52	59473
Tamil Nadu	124.21	0	2173902.71	270020456
Telangana	104.4	0	2808795.24	293238223
Puducherry	107.58	0	0	0
PGCIL(SR)	-	0	0	0
PUGAUR HVDC(SR)	124.21	0	195	24221
THRISSUR HVDC(SR)	121.99	0	0	0
Goa(SR)	86.23	0	25639.44	2210889
<b>Inter State Generating Stations</b>				
RSTPS 1& 2	104.4	0	0	0
RSTPS 3	104.4	1875.36	0	195788
TALCHER 2	138.88	37883.71	0	5261290
SIMHADRI 2	138.88	1209.43	0	167966
SIMHADRI 1	138.88	895.32	0	124342
KUDGI STAGE 1	119.31	11024.65	0	1315351
NTECL	124.21	2.62	0	325
NLC TS II STAGE 1	124.21	5391.87	0	669724
NLC TS II STAGE 2	124.21	1077.66	0	133856
NLC 1 EXPN	124.21	8577.96	0	1065468
NLC 2 EXPN	124.21	0	8542.98	1061124
NTPL	124.21	0	299.35	37182
NNTPP	124.21	14439.45	627.92	1871518
MAPS	124.21	0	0	0
KGS 1&2	119.31	159.29	0	19005
KGS 3&4	119.31	98450.54	0	11746134
KKNPP UNIT 1	124.21	86680.18	0	10766545
KKNPP UNIT 2	124.21	63152.8	19809.79	10304783
<b>SELLER</b>				
COASTAL ENERGEN	124.21	0	9292.51	1154223
MEPL	138.88	0	1987.58	276035
SEPL	138.88	0	1534.17	213066
SEIL/ TPCIL	138.88	0	3798.69	527562

DIC	Rate Rs/MW	Excess Injection (MW)	Excess Withdrawal (MW)	Charges For Excess Injection/Withdrawal (Rs)
LKPPL2	138.88	0	0	0
LKPPL3	138.88	0	1245.53	172979
IL&FS	124.21	0	8132.65	1010156
SEIL Project 2 /SGPL	138.88	0	0	0
<b>Generating Station Under INFIRM Stage</b>				
				<b>Charges For Injection/Withdrawl (Rs)</b>
Nil				







**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
(भारत सरकार का उपक्रम)  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A Government of India Enterprise)

**राष्ट्रीय भार प्रेषण केन्द्र**      **National Load Despatch Centre**

**Notification of Transmission charges payable by DICS for Billing Month of May, 2022**

**No: TC/04/2022**

**Date: 26.04.2022**

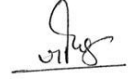
1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICS shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICS/ States, CTU as per the Regulations.
2. As per Regulation 24(1), all entities whose transmission elements have declared COD during the billing period shall submit to the Implementing Agency, network data, date(s) of commercial operation of the new transmission element and Yearly Transmission Charge (YTC) of such transmission element in the format stipulated by the Implementing Agency, on or before the end of the billing period.
3. As per Regulation 24(2), Implementing Agency shall publish the peak block of the billing period on the first day of the month following the billing period. Accordingly, NLDC had identified **34<sup>th</sup> time block (19:00 Hrs to 19:15 Hrs) on 15<sup>th</sup> Mar, 2022** as a peak block for the billing period of Mar'22 and published the information of peak block on POSOCO website. Details of the inputs from entities have been received as per the stipulated timelines is enclosed as **Annexure-I**.
4. NLDC/RLDCs have examined the data and information submitted by ISTS licensees/ Deemed ISTS licensees, DICS/ States and CTU. Based on the inputs furnished by ISTS licensees, Monthly Transmission Charges (MTC) to be considered in the computations have been shared with all ISTS licensees/ deemed ISTS licensees for review and comments on 20.04.2022 with last date of submission of comments as 21.04.2022. Comments have been received from Teesta Valley Power Transmission Ltd.
5. Based on inputs furnished by DICS/ States, all India basic network has been prepared along with node wise generation and demand as per the peak block and made it available on POSOCO website on 15.04.2022 for review and comments of DICS/ States in line with the notified procedures with the last date for submission of comments as 18.04.2022.
6. CTU vide letter with no. CTU/S/07/NLDC dated 21.01.2022 regarding exemption of LTA quantum from Central generating stations of Southern region connected to both ISTS and Intra-state transmission system and only to STU system, had requested Implementing Agency to implement

the recommendations of the subgroup constituted by SRPC. Accordingly, share of Telangana from Ramagundam STPS Stage-I&II and share of Tamil Nadu from NLC TPS-II Stage-I and Madras Atomic Power Station (MAPS) have been exempted for the computation of transmission charges for billing month February, 2022 and onwards.

Subsequently, Telangana has surrendered its share from NLC TPS-II Stage-I and same has been allocated to Tamilnadu. Tamilnadu vide letter dated 01.04.2022 has requested for exemption for the additional LTA for computation of transmission charges. SRPC vide letter no. SRPC/SE(C)/2022/763-66 dated 05.04.2022 has also agreed with the claim of Tamilnadu for exemption of additional quantum w.e.f. 30.03.2022. Accordingly, Implementing Agency has excluded the additional LTA to Tamilnadu from NLC TPS-II Stage-1 for the computation of transmission charges for billing month May, 2022.

7. NRPC vide email dated 19.04.2022 has furnished the details of allocation from different ISGS for billing period March, 2022 after considering the relinquishment of power from Anta GPS and Auraiya GPS to Punjab and Haryana. Accordingly, Implementing Agency has considered the data furnished by NRPC for the computation of transmission charges for billing month May, 2022.
8. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.
9. Accordingly, the transmission charges are hereby notified for the billing month of May'22 mentioned as follows:
  - a) Various components of the transmission charges determined have been added for each DIC in order to compute total transmission charges payable by the DIC.
  - b) The transmission charges are computed separately for both LTA/MTOA and STOA:
    - For LTA/MTOA billing in ₹: These charges are calculated only for withdrawal entities (withdrawal rates) and for generators having LTA to target region without identified beneficiaries.
    - For STOA billing in paise/kWh: These rates are calculated for all the states
  - c) The notified transmission charges payable by DICs for the billing month of May'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of May'22 considering regional DIC wise break up of LTA/MTOA enclosed along with this notification.
  - d) Transmission charges for STOA shall be payable by the generators and embedded entities located in the state as per the notified STOA rate of the state in which they are located.
  - e) The notified transmission charges for STOA bilateral transactions shall be applicable for the applications received on or after 00:00 Hrs of the next day (D+1) following the date of this notification (D). In the case of STOA collective transactions, both DAM and RTM, the notified transmission charges shall be applicable from the delivery day D+2 following the date of this notification.
  - f) The transmission charges payable by DICs for LTA/MTOA are given at **Annexure-III**.
  - g) The transmission rates applicable for STOA transactions are given at **Annexure-IV**.
  - h) Regional DIC wise break up of LTA/MTOA is given at **Annexure-V**.

- i) ISTS licensee wise break up of Monthly Transmission Charges (MTC) is given at **Annexure-VI**.
- j) Entity-wise details of bilateral billing are given separately at **Annexure-VII**.
- k) LTA details of exempted Renewable Energy (RE) based generation for the billing period of Mar'22 is given at **Annexure-VIII**.
- l) Letter from TANGEDCO and SRPC for exemption of additional LTA to Tamilnadu from NLC TPS – II Stage-1 are attached as **Annexure-IX**.



(जी चक्रवर्ती)

मुख्य महाप्रबंधक/ रा. भा. प्रे. के

**Annexure-I****Input Data furnished by DICs/ ISTS Licensees/ CTU**

1. As per Regulation 24(1) of Sharing Regulations 2020, some of the ISTS Licensees have submitted YTC data by 31.03.2022. Adani Transmission Limited has submitted YTC on 01.04.2022. Khargone Transmission Limited has submitted YTC on 05.04.2022. Chhattisgarh State Power Transmission Company Ltd. has submitted YTC on 07.04.2022. North East Transmission Company Limited has submitted YTC on 09.04.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 09.04.2022 (night). The list of ISTS licensees that have submitted YTC data is mentioned as below.

**List of ISTS Licensees submitted the YTC data for the billing period Mar'22**

Sl. No.	Name of ISTS Licensee
1	Powergrid Corporation of India Ltd
2	Adani Transmission (India) Limited
3	Chhattisgarh-WR Transmission Limited
4	Raipur Rajnandgaon-WR Transmission Limited.
5	Sipat Transmission Limited.
6	Warora Kurnool Transmission Limited
7	Western Transmission Gujarat Limited
8	Western Transco Power Limited
9	Alipurduar Transmission Limited
10	Fatehgarh-Bhadla Transmission Ltd.
11	North Karanpura Transco Limited
12	Bikaner-Khetri Transmission Limited
13	Essar Power Transmission Company Limited
14	Jindal Power Limited
15	Parbati Koldam Transmission Company Limited
16	Bhopal Dhule Transmission Company Ltd.
17	East North Interconnection Company Limited
18	Gurgaon Palwal Transmission Limited
19	Jabalpur Transmission Company Limited
20	Maheshwaram Transmission Limited
21	NRSS-XXIX Transmission Limited
22	Odisha Generation Phase-II Transmission Limited
23	Patran Transmission Company Limited
24	Purulia & Kharagpur Transmission Company Limited
25	Rapp Transmission Company Limited
26	NER-II Transmission Limited
27	Teestavalley Power Transmission Limited
28	Torrent Power Grid Limited
29	Darbhangra-Motihari Transmission Company Limited

Sl. No.	Name of ISTS Licensee
30	NRSS XXXI (B) Transmission Limited
31	Kohima Mariani Transmission Limited
32	Damodar Valley Corporation
33	Powergrid Vizag Transmission Limited
34	Powergrid NM Transmission Limited
35	Powergrid Unchahar Transmission Limited
36	Powergrid Parli Transmission Limited
37	Powergrid Kala Amb Transmission Limited
38	Powergrid Southern Interconnector Transmission System Limited
39	Powergrid Jabalpur Transmission Limited
40	Powergrid Warora Transmission Limited
41	Powergrid Medinipur Jeerat Transmission Limited
42	Powergrid Mithilanchal Transmission Limited
43	Powergrid Ajmer Phagi Transmission Limited
44	Powergrid Varanasi Transmissoin System Limited
45	Powergrid Fatehgarh Transmission Limited
46	Powergrid Khetri Transmission System Ltd.
47	Transmission Corporation of Andhra Pradesh (APTRANSCO)
48	Chhattisgarh State Power Transmission Company Ltd
49	North East Transmission Company Limited
50	Khargone Transmission Company Ltd.
51	Raichur Sholapur Transmission Company Private Ltd.

2. As per Sharing Regulations 2020 and NLDC notified Procedure for collection of data and information, CTU shall submit all required data and information as stipulated in Formats II(A) to II(G) within 7 days after the end of the billing period i.e by 07.04.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 11.04.2022. CTU has submitted data in formats II-C on 06.04.22 and revised formats of II-D, II (G2) to II (G5) on 13.04.2022. CTU has submitted data in formats II-A, II-B, II-E, II-F, II-(G1) on 19.04.2022 (evening). Subsequently, CTU has submitted revised data in formats II-C on 25.04.2022.

3. As per Regulation 24(4) and NLDC notified Procedure for collection of data and information, DICs shall submit the required information to the Implementing Agency as stipulated in Formats III and IV for the billing period within 7 days after end of the billing period. The list of the DICs that have submitted the data by 07.04.2022 is as mentioned below:

S.NO.	WR	SR	NR	NER	ER	Others
1	Chhattisgarh	Andhra Pradesh	Uttar Pradesh	Assam	DVC	
2	Gujarat	Telangana	Haryana	Manipur	Odisha	
3	MP	Karnataka	Himachal Pradesh	Meghalaya	JITPL	
4	Maharashtra	Kerala	Delhi	Mizoram		
5	Goa	Tamil Nadu	Rajasthan	Nagaland		

6	D&D	Vallur(NTECL)	Punjab	Tripura		
7	DNH	IL&FS	Jammu & Kashmir			
8	Hazira	Acme (Athena) Rewa	BBMB			
9	ACBIL	Sprng Agnitra	ReNew Solar Power Private Limited			
10	Spectrum Power	Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6)				
11	Maruti Coal Power	Fortum Solar India Private Limited. (Pavagada Solar Park)				
12	BALCO	PVG ADYAH				
13	CGPL	PVG AMPLUS Tumkur and PVG AMPLUS Pavagada				
14	DB Power Ltd.	PVG Azure Earth				
15	DGEN	Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park)				
16	Dhariwal	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)				
17	GMR Warora	PVG Parampujya				
18	Raipur Energen					
19	Jindal Stg-1					
20	JPL Stg-2					
21	Jhabua Power					
22	JP Nigrie					
23	KAPS 1&2					
24	Raigarh Energy					

25	KSK Mahanadi					
26	LANCO					
27	MB Power					
28	Essar Mahan					
29	NSPCL Bhilai					
30	Ratnagiri Dabhol					
31	RKM Power					
32	Sasan UMPP					
33	SKS Power					
34	SSP					
35	TAPS (3,4)					
36	TRN Energy					
37	TAPS (1,2)					
38	Naranpar Ostro					
39	ACME RUMS					
40	Mahindra Renewables Pvt. Ltd.					
41	ARINSUM					
42	Bhuvad Renew					
43	Vadwa Green Infra					
44	Roha Green infra					
45	Dayapar Inox					
46	Ratadiya AGEMPL					
47	Alfanar wind					
48	Renew AP2 Gadhsisa					
49	Avikiran					

**Annexure-II****Methodology of the computations and assumptions followed in the basic network****a) Modeling of the Basic Network**

- A. The All India network was modeled with the help of network data and node wise generation and demand data furnished by DICs. Wherever network data has not been provided by DICs, network data already available at RLDCs/NLDC has been considered. Wherever technical parameters were not furnished, standard parameters as per CEA Manual on Transmission Planning Criteria have been used.
- B. Certain Transmission Lines included in the basic network were partly owned by ISTS Licensee and partly by STUs. There were cases where the existing lines originally owned by one utility have been made LILO by other utility. In cases where the line originally owned by ISTS Licensee has been made LILO by STU, the Monthly Transmission Charge for the entire line has been considered (including the section owned by STU). In cases where the line originally owned by STU has been made LILO by ISTS Licensee, the Monthly Transmission Charge for the entire line has not been considered.
- C. All India basic network up to 66/ 33 kV level and at some nodes even till 0.4 kV level has been prepared. As per the Sharing Regulations 2020, basic network means power system at voltage levels of 110 kV and above, containing all power system elements including generating station and transmission systems.
- D. In line with Sharing Regulations 2020, all India basic network has been truncated to 110 kV level. Power flow into lower voltage system has been considered as load at the substation at truncated point. Power flow from a lower voltage system has been considered as generation at the substation at truncated point.
- E. To account for the transmission losses of the truncated lower voltage network and to ensure state drawal as per SEM data corresponding to peak block, minor adjustments in states generation has been done.
- F. Interstate generating Stations (ISGS) connected at 220kV and below voltage level are created as separate control areas.
- G. Power Flow on HVDC BNC-Agra has been reduced to avoid loop flows in the system.
- H. 400 kV Singrauli considered as slack bus.

**b) Load Generation balance for the basic network**

- A. Node wise generation and demand data for the peak block as submitted by DICs has been considered to prepare Load Generation balance.
- B. Wherever aggregate generation and demand data submitted by DICs, the generation and demand data has been distributed across the nodes of the DICs as per the node wise distribution of the TTC/ATC base case applicable for Mar'22.
- C. Wherever node wise generation and demand data has not been provided by DICs, SEM data/ SCADA data available with NLDC/RLDCs has been considered. In the absence of SEM/ SCADA data, the node wise generation and demand data as available from TTC/ ATC base case / recently submitted base case of states has been considered.



**c) Commercial Data considered in the computations**

- A. The data as submitted by the ISTS Licensees has been examined by NLDC and suitably considered for computation of transmission charges for DICS for the billing period Mar'22. For the ISTS licensees who have not submitted YTC data for Mar'22, the YTC data recently available with reference to the previous computations have been considered.
- B. While checking the YTC of the licensees who have not submitted data, the recently available CERC orders are referred to consider the recently available approved YTC for FY 2018-19 in case for 2019-20 or 2020-21 is not available.
- C. All ISTS transmission assets commissioned by the end of Mar'22 as furnished by ISTS licensees have been considered in the computations.
- D. Yearly Transmission Charges (YTC) based on approved/ adopted tariff by CERC has only been considered in line with Sharing Regulations 2020. RPC certified non-ISTS lines as ISTS lines have not been considered in the computations.
- E. The assets of State Utilities whose approved Tariff by the Commission is not available as on 31.03.2019 are not being considered in the computations since 2019-20 Q3 in line with Terms & Conditions of Tariff Regulations. The same is continued in this computation.
- F. As per minutes of Validation Committee meeting held for 2020-21 Q2 PoC computations, for the assets of Essar Power transmission limited, combined tariff of LILO of 400kV Vindhyachal-Korba at Mahan, GIS S/s at Hazira and 400kV Hazira-Gandhar line) was being excluded from PoC computations in the absence of exclusive tariff of LILO of 400kV Vindhyachal-Korba at Mahan since 2020-21 Q2. As per CERC Order dated 04.06.2021 in I.A. No. 32/2021 in Petition No. 92/MP/2021, Exclusive tariff of 400kV Hazira-Gandhar Line and GIS S/s at Hazira has been approved and same has been considered for billing period Mar,2022.
- G. As per Regulation (13) clauses (3), (6), (9), the YTC of assets claimed by licensees have been examined to find out whether the YTC to be completely or partly billed to generators. Accordingly, transmission charges have been computed for DICS in line with the Regulations.
- H. All ISTS assets corresponding to the bilateral payments on the basis of information furnished by ISTS licensees and the worked out bilateral payments in line with Regulation (13) have been considered while preparing final transmission charges for DICS.
- I. The components of Yearly Transmission Charges such as National Component for RE (NC-RE), National Component for HVDC (NC-HVDC), Regional Component (RC) and Transformers Component (TC) have been worked out on the basis of the inputs furnished by CTU.

- J. Indicative cost level of different conductor configuration was provided by CTU and is as follows:

Sl. No.	Voltage level (kV)	Type of conductor configuration	Indicative cost (Rs.Lakh/km)
1	± 800	HVDC	258
2	± 500	HVDC	126
3	765	D/C	364
4	765	S/C	163
5	400	S/C	68
6	400	M/C TWIN	322
7	400	D/C Quad Moose	207
8	400	D/C Twin HTLS	135
9	400	D/C Twin Moose	121
10	400	M/C QUAD	604
11	400	D/C TRIPLE	168
12	400	S/C QUAD	113
13	220	D/C	51
14	220	S/C	39
15	220	M/C TWIN	230
16	132	D/C	35
17	132	S/C	20
18	132	M/C TWIN	163

- K. The indicative cost levels provided by CTU are for only selected configurations and voltage level. Hence, for the conductor configurations which are not mentioned in the above list, following assumptions have been made:
- The indicative cost level of 765 kV lines (Quad Bersimis) charged at 400 kV has been considered to be same as cost of one circuit of 400 kV Quad Moose D/C.
  - The indicative cost level of 400 kV Quad Bersimis D/C has been considered to be same as 400 kV Quad Moose D/C.
  - The indicative cost level of 765 kV Hexa zebra has been considered to be same as 765 kV Quad Bersimis.
  - The indicative cost levels of 400 kV ACKC, ACAR, AAAC, Moose, Zebra and Lapwing have been considered to be same as 400 kV Twin Moose depending on the no. of circuits.
  - 400 kV lines (Twin Moose) charged at 220 kV are charged as per the rate of 220 kV D/C lines.
- L. Circuit Kms of RE lines considered as National component has been considered as zero.

M. Circuit Kms of the assets covered under Regulation (13) clauses (3), (6), (9), have been pro-rata adjusted with respect to YTC considered for bilateral payment wherever YTC are to be partly included in the computations.

**d) Computation of Usage part of AC system charges**

- A. The usage part of AC system charges has been computed by running AC load flow and determining the utilization of the lines with respect to SIL of the lines. For SIL of lines at various voltage levels, annexure-II to Regulations has been followed.
- B. AC Usage Base Charges (AC-UBC) thus determined has been used for apportionment through hybrid method and computed total aggregated nodal charges in ₹ for each drawee DIC and injecting DICs having untied LTA.

**Annexure-III****Transmission Charges for Designated ISTS Customers (DICs) for the billing month May,2022**

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
1	Delhi	NR	4549	235250373	831177690	75244823	96426301	198776722	55795719		1492671628
2	UP	NR	9339	1094324949	1706177921	154456811	197936527	408033636	140318080	3939378	3705187301
3	Punjab	NR	4201	98228687	767452740	69475933	89033464	183536856	113256057	1368429	1322352166
4	Haryana	NR	3855	252013983	704387639	63766778	81717177	168454794	201633566		1471973937
5	Chandigarh	NR	291	5460576	53197393	4815852	6171518	12722194	3118287		85485819
6	Rajasthan	NR	4284	551491615	782756399	70861342	90808867	187196737	96218821	4291079	1783624859
7	HP	NR	1749	24436281	319483616	28922201	37063824	76404729	25366925	53233957	564911532
8	J&K	NR	2763	50598981	504873208	45705143	58571177	120740779	55389153		835878441
9	Uttarakhand	NR	1264	116216642	230938721	20906412	26791584	55229156	29866117	2652156	482600787
10	GMR Kamalanga	NR	75	4423402	13702584	1240467	1589659	3276982			24233095
11	WBSEDCL_Inj	NR	600	0	109620671	9923736	12717276	26215860			158477543
12	MB Power	NR	175	33114742	31972696	2894423	3709205	7646292			79337359
13	Jorthang	NR	86.4	5422215	15785377	1429018	1831288	3775084			28242982
14	Tashiding	NR	87.3	5871868	15949808	1443904	1850364	3814408			28930351
15	Northern Railways	NR							2505166		2505166
16	North Central Railways	NR							2047375		2047375
17	RAPP 7&8, NPCIL	NR								34175759	34175759
18	Gujarat	WR	8273	796714102	1511421596	136825917	175342523	117971105	53011182	975778	2792262204
19	Madhya Pradesh	WR	7867	774973698	1437258817	130112112	166738776	112182472	122147294	3871359	2747284528
20	Maharashtra	WR	7213	912873430	1317760455	119294169	152875574	102855257	78544014		2684202898
21	Chhattisgarh	WR	2721	139515176	497217669	45012102	57683046	38809369	22795437		801032799
22	Goa	WR	513	59220467	93695816	8482091	10869807	7313247	10481506	1453413	191516347

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
23	Daman Diu	WR	446	29434112	81513164	7379221	9456477	6362353	17448056		151593382
24	Dadra Nagar Haveli	WR	1032	112196500	188630042	17076293	21883284	14723155	9851162		364360436
25	Jindal Power Limited	WR	125	79570934	22837640	2067445	2649432	1782548			108907999
26	ACB Ltd	WR	51	9130206	9226406	835248	1070371	720149			20982380
27	Torrent Power	WR	200	338186	36540224	3307912	4239092	2852077			47277490
28	Sembcorp Energy India Ltd Project-I	WR	115	7408090	21010629	1902049	2437478	1639944			34398190
29	DB Power	WR	186	36344908	33982408	3076358	3942355	2652431			79998461
30	TRN Energy Pvt. Ltd.	WR	3	121501	548103	49619	63586	42781			825591
31	CSPTCL	WR	261	0	47684992	4316825	5532015	3721960			61255792
32	WBSEDCL_Inj	WR	400	0	73080447	6615824	8478184	5704154			93878609
33	KSK Mahanadi	WR	168	20027474	30646639	2774378	3555367	2392064			59395923
34	GMR Warora Energy Ltd, Maharashtra	WR	45	1688345	8146643	737499	945106	635871			12153463
35	MB Power	WR								12202188	12202188
36	Adani Power Limited	WR								297176634	297176634
37	Essar Steel	WR							13208787		13208787
38	Andhra Pradesh	SR	1684	215026235	307718188	27857101	35698897	25143833	30156545		641600798
39	Telangana	SR	3937	167879131	719343486	65120700	83452230	58777977	32830409		1127403933
40	Tamil Nadu	SR	8138	762350601	1486768999	134594168	172482535	121484764	94670331		2772351398
41	Kerala	SR	2786	224544627	509059501	46084119	59056836	41595549	51995273		932335905
42	Karnataka	SR	5564	415485578	1016493775	92021110	117925127	83058301	95698200	3548778	1824230868

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
43	Pondicherry	SR	487	14780281	88885398	8046614	10311742	7262878	14271984		143558896
44	Goa-SR	SR	93	107473	16988464	1537931	1970860	1388137			21992864
45	Sembcorp Energy India Ltd Project-I	SR	55	3543000	10048562	909676	1165750	821074		116842	16604903
46	Sembcorp Energy India Ltd Project-II	SR	490	47406989	89523548	8104384	10385775	7315021		7195939	169931658
47	BHAVINI	SR								20469173	20469173
48	Betam	SR								483670	483670
49	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471
50	West Bengal	ER	2487	134795118	454311288	41127875	52705405	67709075	48164905		798813667
51	Odisha	ER	1868	119552246	341288842	30896183	39593484	50864578	69779837		651975171
52	Bihar	ER	5478	284500308	1000866120	90606370	116112137	149165828	171794567		1813045331
53	Jharkhand	ER	984	33956942	179820526	16278786	20861277	26799866	50349647	9872996	337940039
54	Sikkim	ER	130	1416381	23671313	2142916	2746148	3527895	2657981		36162634
55	DVC	ER	649	42448142	118590608	10735766	13757893	17674358	9721255		212928023
56	Bangladesh	ER	782	12817241	142951610	12941118	16584053	21305043			206599064
57	NPGC Nabinagar	ER								10635548	10635548
58	Arunachal Pradesh	NER	288	2595663	52574097	4759426	6099208	8654056	13389569		88072019
59	Assam	NER	1628	60886546	297479929	26930252	34511139	48967233	21792710	1016063	491583874
60	Manipur	NER	247	8782795	45126599	4085219	5235212	7428147	4004755		74662727
61	Meghalaya	NER	336	13683654	61438813	5561931	7127618	10113249	381869		98307134

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC			
62	Mizoram	NER	156	5850067	28458898	2576326	3301564	4684529	1532249		46403633
63	Nagaland	NER	194	6171141	35489967	3212834	4117250	5841892	24468490		79301575
64	Tripura	NER	353	4650791	64543050	5842951	7487746	10624228	24305846		117454612

<b>Total</b>				<b>101751.54</b>	<b>8039642394</b>	<b>18590119731</b>	<b>1682925658</b>	<b>2156670589</b>	<b>2658392678</b>	<b>1814969126</b>	<b>469955609</b>	<b>35412675784</b>
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### Transmission Charges to be paid by DICs under Regulation 13(7)

Where Long Term Access is granted to a generating station on existing margins and COD of the generating station or unit(s) thereof is delayed (Provided by CTU)

Sl. No.	Name of Generating Station	State	Capacity	LTA granted	Commissioned capacity	Date of Commercial Operation	Date of LTA Operationalization	Delayed Capacity	Transmission Charges (₹)	Remarks
1	ReNew Power Pvt Limited	Karnataka		138.6	136.5	63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21	63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21	2.1	68721	
2	Avaada Energy Pvt. Ltd.	Rajasthan		150	100	50MW: 17.03.2022 50MW: 25.02.2022	150MW: 25.02.2022	50	3148315	Charges computed for 16 days corresponding to 100 MW and for 15 days corresponding to 50 MW
3	Ostro Kutch Wind Private Ltd	Gujarat		300	35.2	11MW: 13.11.2021 11MW: 04.12.2021 13.2MW: 30.03.2022	50MW: 14.04.19	14.8	916018	Charges computed for 29 days corresponding to 28 MW and for 2 days corresponding to 14.8 MW
4	ReNew Power Limited	Gujarat		300	230.1	126MW: 18.05.19 58.5MW: 01.10.19 27.6MW: 02.09.20 18MW: 07.02.2021	300MW: 01.05.19	69.9	2358507	
5	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1687058	
6	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	2362409	Charges computed for 7 days
7	GRT Jewellers (India) Pvt Ltd	Tamil Nadu		150	50	50MW: 30.03.2022	150 MW: 23.03.2022	100	1373708	Charges computed for 9 days



**Annexure-IV****Transmission Charges for Short Term Open Access (STOA)**

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	45.57
2	UP	NR	55.05
3	Punjab	NR	43.68
4	Haryana	NR	53.03
5	Chandigarh	NR	40.78
6	Rajasthan	NR	57.68
7	HP	NR	40.64
8	J&K	NR	42.01
9	Uttarakhand	NR	52.74
10	Gujarat	WR	46.86
11	Madhya Pradesh	WR	48.44
12	Maharashtra	WR	51.69
13	Chhattisgarh	WR	40.88
14	Goa	WR	51.47
15	Daman Diu	WR	47.19
16	Dadra Nagar Haveli	WR	49.02
17	Andhra Pradesh	SR	52.91
18	Telangana	SR	39.77
19	Tamil Nadu	SR	47.32
20	Kerala	SR	46.47
21	Karnataka	SR	45.45
22	Pondicherry	SR	40.98
23	Goa-SR	SR	32.85
24	West Bengal	ER	44.62
25	Odisha	ER	48.47
26	Bihar	ER	45.97
27	Jharkhand	ER	46.29
28	Sikkim	ER	38.77
29	DVC	ER	45.56
30	Bangladesh	ER	36.67
31	Arunachal Pradesh	NER	42.51
32	Assam	NER	41.85
33	Manipur	NER	41.98
34	Meghalaya	NER	40.60
35	Mizoram	NER	41.38
36	Nagaland	NER	56.70
37	Tripura	NER	46.18

**Annexure-V****Regional DIC wise break up of LTA/MTOA considered in the computations**

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
1	UP	NR	8856.95	
2	Delhi	NR	4534.38	
3	Haryana	NR	3797.11	
4	Uttarakhand	NR	1264.02	
5	Punjab	NR	4165.59	
6	Rajasthan	NR	4273.40	
7	Himachal Pradesh	NR	1748.67	
8	Jammu & Kashmir	NR	2763.38	
9	Chandigarh	NR	291.17	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	306.88	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	10.00	Rajasthan
15	Railways_Punjab	NR	35.00	Punjab
16	PG-Rihand	NR	0.74	Uttar Pradesh
17	PG-Dadri	NR	0.76	Uttar Pradesh
18	PG-Agra	NR	2.36	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	175.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Jorthang	NR	86.40	
26	Tashiding	NR	87.30	
27	Gujarat	WR	8169.77	
28	Madhya Pradesh	WR	7572.03	
29	Chhattisgarh	WR	2716.42	
30	Maharashtra	WR	7080.47	
31	GOA	WR	512.84	
32	Daman Diu	WR	446.16	
33	Dadra Nagar Haveli	WR	1032.45	
34	HVDC Bhadrawathi	WR	0.91	Maharashtra
35	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
36	BARC Facility	WR	9.10	Maharashtra
37	Heavy Water Plant of DAE	WR	12.88	Gujarat
38	HVDC Champa	WR	3.19	Chhattisgarh
39	HVDC Raigarh	WR	1.88	Chhattisgarh
40	Railways_Gujarat	WR	90.00	Gujarat
41	Railways_MP	WR	294.00	Madhya Pradesh
42	Railways_Maharashtra	WR	122.18	Maharashtra
43	ACB Ltd.	WR	50.50	

44	JINDAL	WR	125.00	
45	Torrent Power	WR	200.00	
46	DB Power	WR	186.00	
47	KSK Mahanadi	WR	167.74	
48	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
49	CSPTCL	WR	261.00	
50	TRN Energy Pvt. Ltd.	WR	3.00	
51	Sembcorp Energy India Ltd	WR	115.00	
52	WBSEDCL	WR	400.00	
53	BIHAR	ER	5377.25	
54	JHARKHAND	ER	914.23	
55	DVC	ER	339.10	
56	ORISSA	ER	1868.02	
57	WEST BENGAL	ER	2485.23	
58	SIKKIM	ER	129.56	
59	Bangladesh	ER	782.43	
60	TATA Steel Ltd.	ER	200.00	DVC
61	Railways_Jharkhand	ER	70.00	Jharkhand
62	Railways_Bihar	ER	100.00	Bihar
63	Railways_DVC	ER	110.00	DVC
64	HVDC Alipurduar	ER	1.41	West Bengal
65	POWERGRID PUSAULI	ER	0.91	Bihar
66	Andhra Pradesh	SR	1681.79	
67	Karnataka	SR	5517.20	
68	KSEB	SR	2785.29	
69	Tamil Nadu	SR	8121.15	
70	Telangana	SR	3937.27	
71	Puducherry	SR	486.51	
72	Goa	SR	92.99	
73	SAIL, Salem	SR	13.65	Tamil Nadu
74	Railways_Karnataka	SR	45.00	Karnataka
75	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
76	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
77	PG-HVDC Kolar	SR	1.50	Karnataka
78	PG-HVDC Pugalur	SR	2.92	Tamil Nadu
79	PG-HVDC Thrissur	SR	1.00	Kerala
80	Sembcorp Energy India Ltd Project-I	SR	55.00	
81	Sembcorp Energy India Ltd Project-II	SR	490.00	
82	Arunachal Pradesh	NER	287.76	
83	Assam	NER	1621.87	
84	Manipur	NER	247.00	
85	Meghalaya	NER	336.28	
86	Mizoram	NER	155.77	
87	Nagaland	NER	194.25	
88	Tripura	NER	353.27	
89	PG-HVDC BNC	NER	1.37	Assam
90	Railway_Assam	NER	5.00	Assam

**TOTAL 101751.538**

**\*Note: Transmission charges of the state are to be shared on prorata basis on the basis of LTA/MTOA of the DICs included in the state's control area as mentioned in the table.**

**Annexure-VI****Transmission Charges claimed by ISTS licensees for the billing period Mar'22**

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'22 (₹ Cr)	Equivalent MTC to be considered for Mar'22 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	32589.89	32589.89	2767.91	As per data furnished by ISTS Licensee for Mar'22. MTC of the assets listed under Regulation 13(3) shall be partly settled through the bilateral payments from respective entities as detailed in the transmission charges bill. PowerGrid assets for bilateral payments as mentioned in format I-C are also included in this total YTC claimed.
2	Adani Transmission (India) Limited	642.34	642.34	54.55	As per data furnished by ISTS Licensee for Mar'22
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	14.01	As per data furnished by ISTS Licensee for Mar'22
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.66	As per data furnished by ISTS Licensee for Mar'22
5	Sipat Transmission Limited.	95.03	95.03	8.07	As per data furnished by ISTS Licensee for Mar'22
6	Western Transmission Gujarat Limited	55.57	55.57	4.72	As per data furnished by ISTS Licensee for Mar'22
7	Western Transco Power Limited	102.21	102.21	8.68	As per data furnished by ISTS Licensee for Mar'22
8	Alipurduar Transmission Limited	159.40	159.40	13.54	As per data furnished by ISTS Licensee for Mar'22
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	4.08	As per data furnished by ISTS Licensee for Mar'22
10	North Karanpura Transco Limited	23.64	23.64	2.01	As per data furnished by ISTS Licensee for Mar'22
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.95	As per data furnished by ISTS Licensee for Mar'22
12	Aravali Power Company Private Limited	10.78	10.78	0.92	Data not furnished for Mar'22. Considered the same as in the earlier billing period.
13	Essar Power Transmission Company Limited	393.34	393.34	33.41	As per data furnished by ISTS Licensee for Mar'22
14	Essar Power Transmission Company Limited (NTPC Portion)	3.46	3.46	0.29	Data not furnished for Mar'22. Considered the same as in the earlier billing period.
15	Jindal Power Limited	19.12	19.12	1.62	As per data furnished by ISTS Licensee for Mar'22
16	Kudgi Transmission Limited	196.29	196.29	16.67	Data not furnished for Mar'22. Considered the same as in the earlier billing period.

17	Parbati Koldam Transmission Company Limited	171.37	171.37	14.55	As per data furnished by ISTS Licensee for Mar'22
18	Bhopal Dhule Transmission Company Ltd.	260.31	260.31	22.11	As per data furnished by ISTS Licensee for Mar'22
19	East North Interconnection Company Limited	144.08	144.08	12.24	As per data furnished by ISTS Licensee for Mar'22
20	Gurgaon Palwal Transmission Limited	144.18	144.18	12.25	As per data furnished by ISTS Licensee for Mar'22
21	Jabalpur Transmission Company Limited	147.01	147.01	12.49	As per data furnished by ISTS Licensee for Mar'22
22	Maheshwaram Transmission Limited	55.95	55.95	4.75	As per data furnished by ISTS Licensee for Mar'22
23	Khargone Transmission Company Ltd.	186.38	186.38	15.83	As per data furnished by ISTS Licensee for Mar'22
24	NRSS-XXIX Transmission Limited	502.06	502.06	42.64	As per data furnished by ISTS Licensee for Mar'22
25	Odisha Generation Phase-II Transmission Limited	157.80	157.80	13.40	As per data furnished by ISTS Licensee for Mar'22
26	Patran Transmission Company Limited	30.70	30.70	2.61	As per data furnished by ISTS Licensee for Mar'22
27	Purulia & Kharagpur Transmission Company Limited	72.44	72.44	6.15	As per data furnished by ISTS Licensee for Mar'22
28	Rapp Transmission Company Limited	44.03	44.03	3.74	As per data furnished by ISTS Licensee for Mar'22
29	NER-II Transmission Limited	412.53	412.53	35.04	As per data furnished by ISTS Licensee for Mar'22
30	Teestavalley Power Transmission Limited	267.20	267.20	22.69	As per data furnished by ISTS Licensee for Mar'22
31	Torrent Power Grid Limited	40.75	40.75	3.46	As per data furnished by ISTS Licensee for Mar'22
32	Darbhanga-Motihari Transmission Company Limited	119.03	119.03	10.11	As per data furnished by ISTS Licensee for Mar'22
33	NRSS XXXI (B) Transmission Limited	90.76	90.76	7.71	As per data furnished by ISTS Licensee for Mar'22
34	Jaypee Powergrid Limited	138.41	138.41	11.76	Data not furnished for Mar'22. Considered the same as in the earlier billing period.
35	Kohima Mariani Transmission Limited	222.20	222.20	18.87	As per data furnished by ISTS Licensee for Mar'22
36	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Mar'22
37	Damodar Valley Corporation	113.65	113.65	9.65	As per data furnished by ISTS Licensee for Mar'22
38	Powerlinks Transmission Limited	137.79	137.79	11.70	Data not furnished for Mar'22. Considered the same as in the earlier billing period.

39	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Mar'22. Considered the same as in the earlier billing period.
40	Warora-Kurnool Transmission Limited	6.19	6.19	0.53	As per data furnished by ISTS Licensee for Mar'22
41	Powergrid Vizag Transmission Limited	285.76	285.76	24.27	As per data furnished by ISTS Licensee for Mar'22
42	Powergrid NM Transmission Limited	113.95	113.95	9.68	As per data furnished by ISTS Licensee for Mar'22
43	Powergrid Unchahar Transmission Limited	20.27	20.27	1.72	As per data furnished by ISTS Licensee for Mar'22
44	Powergrid Parli Transmission Limited	326.22	326.22	27.71	As per data furnished by ISTS Licensee for Mar'22
45	Powergrid Kala Amb Transmission Limited	70.578	70.58	5.99	As per data furnished by ISTS Licensee for Mar'22. Bilateral payment of HPSEB is also included in the claimed YTC
46	Powergrid Southern Interconnector Transmission System Limited	449.68	449.68	38.19	As per data furnished by ISTS Licensee for Mar'22
47	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.78	As per data furnished by ISTS Licensee for Mar'22
48	Powergrid Warora Transmission Limited	364.20	364.20	30.93	As per data furnished by ISTS Licensee for Mar'22
49	Powergrid Medinipur Jeerat Transmission Limited	555.23	555.23	47.16	As per data furnished by ISTS Licensee for Mar'22
50	Powergrid Mithilanchal Transmission Limited	170.00	170.00	14.44	As per data furnished by ISTS Licensee for Mar'22
51	Powergrid Ajmer Phagi Transmission Limited	52.54	52.54	4.46	As per data furnished by ISTS Licensee for Mar'22
52	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.93	As per data furnished by ISTS Licensee for Mar'22
53	Powergrid Fatehgarh Transmission Limited	61.60	61.60	5.23	As per data furnished by ISTS Licensee for Mar'22
54	Powergrid Khetri Transmission System Ltd.	104.72	104.72	8.89	As per data furnished by ISTS Licensee for Mar'22
55	North East Transmission Company Limited	267.53	267.53	22.72	As per data furnished by ISTS Licensee for Mar'22
56	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	440.14	45.30	3.85	As per data furnished by ISTS Licensee for Mar'22. CERC approved ISTS lines are only considered as per Sharing Regulations 2020
57	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.06	Data not furnished for Mar'22. Considered the same as in the earlier billing period.
58	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Mar'22. CERC Tariff Order dated 12.06.2019 has been considered
59	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Mar'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.

60	Power Transmission Corporation of Uttarakhand Ltd	43.39	43.39	3.68	Data not furnished by ISTS Licensee for Mar'22. CERC Tariff Order dated 09.11.2021 , 25.11.2021 and 13.06.2021 have been considered.
61	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.54	Data not furnished by ISTS Licensee for Mar'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. RPC certified non-ISTS as ISTS has not been considered in line with clause 13 (13) of Sharing Regulations,2020
62	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Mar'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
63	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	As per data furnished by ISTS Licensee for Mar'22
64	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.22	Data not furnished for Mar'22. Considered the same as in the earlier billing period.
65	Odisha Power Transmission Corporation Limited	9.80	9.67	0.82	Data not furnished by ISTS Licensee for Mar'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. Filing and Publication fee of ₹ 13.67 Lacs as claimed by the licensee is not considered. The same may be claimed in Bill-2 or Bill-3 as applicable.
66	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
67	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
68	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
69	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
70	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
71	Haryana Vidyut Prasaran Nigam Limited	8.09	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
72	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

73	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
74	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Mar'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

TOTAL MTC considered for the billing period Mar'22  
from the claimed assets of ISTS licensees (₹ Crores)

**3541.27**



**Annexure-VII****Details of Entity-wise bilateral billing**

Sl.No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
1	02 Nos of 132 kV line bays at Daltonganj Substation	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	836575	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
2	04 Nos. 220 KV Bays at Daltonganj Sub-station;					
3	400kV D/C (Quad) Nabinagar-II – Gaya transmission line with 02 nos. associated bays at Gaya Sub-station	NPGC Nabinagar	ER	10635548		As per Regulation 13(3) of Sharing Regulations 2020
4	220 kV, 2 nos. Line bays at Hamirpur Sub-station	Himachal Pradesh Power Transmission Corporation Limited (HPPTCL)	NR	1674000	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
5	02 Nos. 220 KV Line Bays (HPSEB Future Bays)	Himachal Pradesh State Electricity Board (HPSEB)	NR	51559957	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2021
6	GIS substation 7X105 MVA (1-ph), 400/220 kV at Kala Amb (Himachal Pradesh) and LILO of Karcham Wangtoo - Abdullapur 400 kV D/C					As per Regulation 13(12) of Sharing Regulations 2022
7	220kV, 2 Nos. Line bays at Jallandhar Substation	Punjab State Transmission Corporation Limited (PSTCL)	NR	1368429	Punjab	As per Regulation 13(12) of Sharing Regulations 2020
8	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Rajasthan DISCOMs	NR	1513479	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2021

9	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL)	NR	2777600	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2022
10	Extension of 400/220 kV Sikar Sub-station with 2 nos. 220 kV line bays					
11	400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota)	RAPP 7&8, NPCIL	NR	34175759		As per Regulation 13(3) of Sharing Regulations 2020
12	One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	3939378	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
13	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation					
15	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)- Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station					
16	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Betam	SR	483670		As per Regulation 13(3) of Sharing Regulations 2020

17	Asset 1. Kalpakkam PFBR-Sirucher 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 kV D/C Line, Asset 3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	20469173		As per Regulation 13(3) of Sharing Regulations 2020
18	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Karnataka DISCOMs	SR	838359	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
19	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	2710419	Karnataka	As per Regulation 13(12) of Sharing Regulations 2021
20	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-I	SR	116842		As per Regulation 13(9) of Sharing Regulations 2020
21	HVDC Mundra-Mahendergarh	Adani Power Limited	WR	297176634		--
22	2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa-Colvale) (Powergrid)-Tuem 220 kV D/C line)	Goa Electricity Department (GED), Goa	WR	1453413	Goa	As per Regulation 13(12) of Sharing Regulations 2020
23	Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation	Gujarat Urja Vikas Nigam Limited (GUVNL)	WR	975778	Gujarat	As per Regulation 13(12) of Sharing Regulations 2021
24	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	MB Power	WR	12202188		As per Regulation 13(9) of Sharing Regulations 2020

25	2 Nos. 400 kV line bays at Indore Substation (for Indore (Powergrid)-Ujjain 400 kV D/C Line.	Madhya Pradesh Power Transmission Corporation Limited (MPPTCL)	WR	3871359	Madhya Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
26	1 no. 220 kV line bays at 400/220 kV Indore substation					
27	1 no. 220 kV line bay at 400/220 kV Indore substation					
28	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1276471		As per Regulation 13(3) of Sharing Regulations 2020
29	LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL)	Assam Electricity Grid Corporation Limited (AEGCL)	NER	1016063.34	Assam	As per Regulation 13(12) of Sharing Regulations 2020
30	04 Nos. 220 kV bays at Dehradun Sub-station	Power Transmission Corporation Of Uttarakhand Limited	NR	2652156.16	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020
31	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-2	SR	7195939.36		As per Regulation 13(9) of Sharing Regulations 2020
32	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	9036420.38	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020

**TOTAL** **469955609**

**Note:** The details of bilateral billing mentioned are prepared on the basis of Format-I(C) received from ISTS Licensees.

**Annexure-VIII****LTA details of exempted Renewable Energy (RE) based generation for the billing period of Mar'22**

(As furnished by CTU- cumulative till Mar'22)

S. No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/ MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operation/linization	Exempted quantum in MW (as on Mar'22)	Remarks	PS	SPD/SPV/Subsidiary
1	Rewa Ultra Mega Solar Power Development	WR	750	750	MP-651 MW, DMRC-99 MW	490MW:07.07.18; 260 MW: 13.04.19	750	No billing for May'22 billing month.		
2	Ostro Kutch Wind Private Limited	WR	300	300	GRIDCO-50 MW, Jharkhand-50 MW, Bihar-50 MW, UPPCL-150MW	126MW: 24.08.18; 50MW: 02.11.18; 50MW: 29.12.18; 24MW: 30.03.19; 50MW: 14.04.19	285.2	Included in Format II G (3). Additional 13.2 MW COD: 30.03.2022		
3	Inox Wind Infrastructure Services Limited	WR	500	500	Bihar -50 MW, Jharkhand -50 MW, UP - 200 MW, BRPL - 50 MW, Haryana - 150 MW	500MW: 14.04.2019	210	Bills are being raised for mismatch period. 10MW COD w.e.f 04.09.2021.		
4	ReNew Power Limited	WR	300	300	UP - 100 MW, PSPCL - 100 MW, GRIDCO - 50 MW, GOA - 50 MW	300MW: 01.05.19	230.1	Included in Format II G (3)		
5	ReNew Power Limited	WR	50	50	UHBVN & DHBVN - 50MW	50MW: 23.11.19	0	Included in Format II G (3)		

6	Green Infra Wind Energy Ltd.	WR	250	250	Assam (APDCL) - 50 MW, GRIDCO Ltd.-100 MW, Jharkhand (JBVNL)-100 MW	151.2MW:14.04.19; 98.8 MW: 04.11.19	250	No billing for May'22 billing month. Billing for prior mismatch period corresponding to 98.8 MW will be raised upon receipt of approved CERC tariff order for ATS.		
7	Green Infra Wind Energy Ltd.	WR	300	300	PSPCL - 200 MW, Bihar DISCOMs : 100 MW (NBPDC & SBPDCL)	300 MW: 04.11.19	300	No billing for May'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS.		
8	Adani Green Energy MP Ltd. (AGEMPL Dayapar)	WR	100	100	UPPCL - 40 MW, NPCL - 10 MW, PSPCL - 50 MW	100 MW: 04.11.19	100	No billing for May'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS.		
9	SEI Sunshine	WR	180	180	TPDDL-180 MW	90 MW:18.11.19; 90 MW: 01.04.20	180	No Billing for May'22 billing month		
10	Alfanar Energy Pvt. Limited	WR	300	300	BRPL - 150 MW, BYPL -50 MW, TPDDL - 50 MW, Bihar - 50 MW	100MW: 31.01.20; 50MW: 15.02.20; 50MW: 28.02.20; 36MW: 06.10.20; 36MW: 20.10.20; 28MW: 10.02.21	300	No billing for May'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Already included in Format II G(2).		

11	ReNew Wind Energy (AP2) Private Limited (2 separate LTA grants, 1 to Haryana & 2nd to GRIDCO)	WR	262.5	262.5	Haryana	50 MW:25.02.20; 100 MW: 20.09.20; 20: 03.12.20; 40: 10.12.20; 43.75: 20.12.20 4.375: 27.01.21 4.375: 19.02.21	262.5	No billing for May'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Included in Format II G(2).		
			37.5	37.5	GRIDCO	30: 10.12.2020 6.25: 20.12.2020 0.625: 27.01.21 0.625: 19.02.21	37.5	LTA operationalized on existing margin. No billing for May'22 Billing month. Included in Format II G(2).		
12	Mytrah Energy (India) Pvt Ltd (GEC-I Corridor)	SR	250	250	UPPCL - 100 MW, Jharkhand - 50 MW, Bihar - 50 MW, Assam - 50 MW	75MW: 10.06.18; 50MW: 30.09.18; 125MW: 01.12.18;	250	No billing for May'22 billing month.		
13	AP Solar Power Corporation Pvt Ltd (NP Kunta)	SR	1500	1500	Andhra Pradesh-1500MW	250MW: 11.07.16; 750MW: 04.08.18; 500MW: 01.10.18;	1400	Included in Format II G (1)		
14	Karnataka Solar Power development Corporation Ltd	SR	2050	2050	Karnataka-1850 MW, UPPCL-200 MW	600MW: 12.07.18; 400MW: 28.09.18; 200MW: 30.12.19; 850 MW: 03.05.20	2050	No billing for May'22 billing month.		
15	Green Infra Renewable Energy Ltd.	SR	249.9	249.9	UPPCL - 99.9 MW, Jharkhand - 50 MW, Bihar - 50 MW, BRPL - 50 MW	249.9 MW: 10.10.18	249.9	No delay. Hence, no billing.		

16	Orange Sironj Power Pvt. Ltd.	SR	200	200	Bihar - 100 MW, Haryana - 100 MW	200 MW: 22.02.19	200	No billing for May'22 billing month.		
17	Betam Wind Energy Private Limited	SR	250.2	250.2	Bihar - 50.2 MW, Odisha- 100 MW, UPPCL - 100 MW	250.2 MW:31.07.19	218.2	LTA was granted on existing margins. However, CERC in tariff petition 172/TT/2018 has linked the LTA to 2X500MVA, 400/230kV ICTs at Tirunelveli Pool (Tuticorin-II). Therefore, Betam is not included in FORMAT II-G(3).		
18	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL- 500 MW	500 MW: 27.10.19	500	No billing for May'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS	Bhadla	Claen Solar Power (Bhadla) Pvt. Ltd. : 300MW SB Energy Four Pvt. Ltd.: 200MW
19	Adani Reneable EnergyPark Rajasthan Ltd.	NR	250	250	UPPCL- 250 MW	250 MW: 27.10.19	250	No delay. Hence, no billing.	Bhadla	Azure Power India Pvt. Ltd.: 200MW ReNew Solar Power Pvt. Ltd.:50MW
20	NTPC Ltd. (Auraiya Solar)	NR	20	20	UPPCL- 20MW	15MW: 25.10.2020 5MW: 30.11.2020	20	No billing for May'22 billing month.	Auraiya	
21	Sprng Renewable Energy Pvt Limited	SR	300	300	UP-300 MW	300 MW: 30.11.19	300	No billing for May'22 billing month.		



22	Adani Wind Energy Kutchh Three Limited	WR	250	250	Chandigarh Administration, UT, Chandigarh 40MW Uttar Pradesh Power Corporation Ltd 85MW Kerala State Electricity Board Ltd 75MW GRIDCO LTD. 50MW	115 MW: 05.02.2021 30.5 MW: 15.03.2021 43.8 MW: 08.04.2021 28.5 MW: 05.05.2021 32.2 MW: 09.05.2021	250	No Billing for May'22 billing month. Included in Format II G(2).		
23	Continuum Power Trading (TN) Pvt. Ltd	WR	50	50	MPPMCL	15.02.2021	50	32MW RE Capacity commissioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for May'22 billing month. Included in Format II G(2).		

24	Avikiran Solar India Private Ltd.. (ASIPL)	WR	285	285	MSEDCL-100MW MPPMCL-185MW	09.05.2021	98.7	LTA made effective vide letter dated 07.05.2021 upon commissioning of identified transmission system (Bhuj ICT Augmentation scheme) but generation is delayed. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. COD of 16.8 MW: 24.02.2022; 25.2MW: 04.03.2022; 35.7MW: 06.03.2022; 21MW:11.03.2022		
25	Essel Saurya Prja Company of Rajasthan Ltd.	NR	750	750	PSPCL-300MW NBPDC-207MW SBPDCL-243MW	01.06.2021	300	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS	Bhadla	SB Energy Six pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW
26	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL	01.07.2021	75	MTOA was operational upto 30-Jun-2021. Now. The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2).		

27	Adani Renewable Energy Park Rajasthan Ltd.	NR	1000	996	TSSPDCL-208.82MW TSNPDCL - 87.18MW AEML-700MW	01.08.2021	199.68	LTA made effective vide CTU letter dated 31.07.2021 but generation is delayed.  1000MW is on Target (NR) till 11.08.2021. After 11.08.2021, 704MW is on Target (NR) and 296MW is on Firm (SR). After 21.12.2021, 4MW is on Target, 700 MW Firm (WR) and 296 MW Firm (SR).  COD of 49.92 MW: 30.12.21 & COD of 74.88MW: 05.02.2022, 74.88MW: 05.03.2022	Fatehgarh	NTPC Ltd.:296MW Adani Hybrid Energy Jaisalmer Four Ltd.: 700MW
28	Gujarat Power Corporation Limited	WR	700	600	GUVNL:600MW WR TARGET: 100MW	12.08.2021	400	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.		
29	Azure Power India Pvt. Ltd.	NR	130	130	MSEDCL	01.09.2021	130	No Billing for May'22 billing month	Bhadla	Azure Power Thirty Four Pvt. Ltd.
30	Tata Power Renewable Energy Ltd.	NR	150	150	MSEDCL	01.09.2021	150	No Billing for May'22 billing month	Bhadla	Tata Power Renewable Energy Ltd.

31	Azure Power India Pvt. Ltd.	NR	300	300	GRIDCO: 200MW BRPL: 100MW	01.09.2021	300	LTA was made effective vide CTU letter dated 26.08.2021. 50MW w.e.f. 13.10.2021, 50MW COD w.e.f. 02.11.2021 and 50MW COD w.e.f. 30.11.2021, 50MW COD w.e.f. 27.12.2021, 50MW COD w.e.f. 31.01.2022, 50MW: 07.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Forty One Pvt. Ltd.
32	Azure Power India Pvt. Ltd.	NR	200	200	MPPMCL	01.09.2021	200	COD of 53MW: 14.02.2022, COD of 147MW: 30.03.2022  Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
33	Azure Power India Pvt. Ltd.	NR	50	50	MPPMCL	01.09.2021	47	COD of 47MW: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.

34	Renew Power Pvt Ltd	SR	300	300	SBPDCL: 162 MW NBPDC: 138 MW	63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21 <b>Total : 138.6 MW</b>	136.5	Part LTA operationalized on existing margins as per the request of applicant. Included in Format II G(3).		
35	SBSR Power Cleantech Eleven Pvt. Ltd.*	NR	300.0	300.0	TPDDL- 200MW BYPL- 100MW	20.11.2021	50.0	LTA made effective vide CTU letter dated 18.11.2021. 50MW commissioned. Documents submitted on 08.02.2022. 50MW: 15.08.2021. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bikaner	SBSR Power Cleantech Eleven Pvt. Ltd.
36	Azure Power India Pvt. Ltd.	NR	300.0	300.0	HPPC- 100MW JBVNL- 200MW	100MW: 25.09.2021 200MW: 20.11.2021	300.0	LTA Application: 1200001655. 100MW LTA operationalized on part system and was earlier included in Format II G (2). Balance LTA operationalized vide CTU letter dated 18.11.2021. 300MW Commissioned. No billing for May'22 billing month.	Bikaner	Azure Power Forty Three Pvt. Ltd.
37	Avaada Energy Pvt. Ltd.	NR	100 MW out of 350MW	350.0	MSEDCL- 350MW	100MW: 03.11.2021	100.0	100MW COD w.e.f. 03.11.2021	Bikaner	Avaada Sunce Energy Pvt. Ltd.

38	Ayana Renewable Power One Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW	300MW: 23.12.2021	300.0	300MW COD: 22.12.2021	Bikaner	Ayana Renewable Power One Pvt. Ltd.
39	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW	50MW:07.01.2022	50.0	Additional 50MW 50MW COD w.e.f. 07.01.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
40	Avaada Energy Pvt. Ltd.	NR	100 MW out of 300MW	300.0	TSSPDCL-98.77 TSNPDCL - 41.23MW, TANGED CO-160MW	100MW:18.01.2022	100.0	100MW COD w.e.f. 14.01.2022	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
41	Adani Renewable Energy (Rajasthan) Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)	NR	200.0	200.0	MSEDCL-200MW	200MW; 05.01.2022	200.0	200MW COD w.e.f. 21.08.2019	Bhadla	Adani Renewable Energy (Rajasthan) Ltd.
42	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW	50MW:04.02.2022	50.0	Additional 50MW 50MW COD w.e.f. 04.02.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
43	Avaada Energy Pvt. Ltd.	NR	150 MW out of 350MW	-	MSEDCL-350MW	150MW:25.02.2022	100.0	Additional 50MW 50MW COD w.e.f. 25.02.2022. 50MW: 17.03.2022. Included in Format II G (3)	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDCL - 41.23MW, TANGED CO-160MW	40MW:08.02.2022	40.0	40MW COD w.e.f. 07.02.2022	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
45	Avaada Energy Pvt. Ltd.	NR	MTOA: 240MW	240.0	UHBVNL & DHBVNL, Haryana	240 MW: 01.02.2022	144.95	112.95 MW COD w.e.f. 26.12.2021 ; 12.80 MW COD w.e.f 01.02.2022; 19.2MW: 16.03.2022.	Bikaner	Avaada RJHN Pvt. Ltd.



**Annexure-IX****TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD**

From

B.Rajeswari, B.Com., FCMA,  
Chief Financial Controller /Regulatory Cell,  
7<sup>th</sup> Floor, Western wing,  
144, Anna Salai, Chennai-02

To

1. The Director (Market Operation),  
POSOCO, B-9 (1st Floor),  
Qutab Institutional Area,  
Katwaria Sarai,  
New Delhi -110016
2. The Member Secretary,  
Southern Regional Power Committee,  
29, Race Course Cross Road,  
Bengaluru,  
Karnataka -560009
3. The Chief Operating Officer,  
Central Transmission Utility India Limited,  
Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk,  
Gurugram (Haryana) - 122001

Lr.No.CFC/RC/SE/CERC/EE2/AEE/F.LTA Reduc.(Addl. Power)/D. 83 /22 dt: 01.04.2022

Sir,

Sub: TANGEDCO – Reallocation of surrendered power of 149.27 MW of Talengana in NLC TPSII to TANGEDCO – Exclusion of deemed LTA - CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020 – Exemption of LTA for NLC TPSII-Stage-I for the additional allocation-Requested - Regarding.

- Ref: 1) NLDC notification ref: TC/11/20, dt: 28.12.2020  
2) Lr. No. CFC /RC /SE / CERC /EE1/ F. LTA Reduction /D.94 /21 dt:24.03.2021  
3) SRPCs letter No.SRPC/SE-I/2021/773-76 dt. 29th March, 2021  
4) POSOCO's notification of transmission charges dated 31.01.2022.  
5) MoP's Notification 22-303/1/2022 dt:28.03.2022  
6) SRPCs letter No.SRPC/SE(O)/54/UA/2021-22 dt. 29th March, 2022

\*\*\*\*\*





- 1) Kindly refer the MoP's letter dated 28.03.2022 cited under ref. (5) , wherein the MoP has re allocated the surrendered share of Telengana State in NLC TPS-II(stageI & II) for a quantum of 149.27 MW. In this regard, the revised shares of Telengana in Stage I & II are 0.93% and 0.92% respectively and the total allocation of TANGEDCO in stage I & II has been revised to 38.73 % MW and 45.56 % MW respectively vide ref.(6).
- 2) In this context, it is pertinent to mention that based on the recommendation of SRPC and CTU, NLDC vide notification dated 31.01.2022 has exempted the power drawn through State network considered as deemed LTA in respect of Stage-I in line with the Sharing Regulations 2020. The quantum of power drawn through State network from Stage II is not exempted and the issue is being taken up with the Hon'ble Commission for redressal.
- 3) Under these circumstances, it would be appropriate to exclude the total share of TANGEDCO in respect of Stage-I for the purpose of computation of ISTS transmission charges and losses as well as for computing the RTDA in line with the Sharing Regulations, 2020.
- 4) Hence, it is requested to exclude the additional allocation of 52.37 MW (244-191.646) in respect of NLC TPS II Stage-I from the total LTA+MTOA of TANGEDCO with effect from the date of scheduling the power ie. 30.03.2022. This is without prejudice to the rights of TANGEDCO to approach the appropriate authority to exclude the quantum in respect of NLC TPS-II-Stage-II.
- 5) Necessary intimation may be given to all the concerned for the purpose of allocation of transmission charges, losses and transmission deviation charges.

Thanking You,

Yours faithfully,

*B. Rajeswar*  
01/04/2022

CHIEF FINANCIAL CONTROLLER  
REGULATORY CELL / TANGEDCO

Copy submitted to the Additional Secretary (Power)/MoP

Copy submitted to the Chairperson/CEA, New Delhi.

Copy to the GM/Commercial/NLCIL/No.135,Periyar High Road/Kilpauk/Chennai-10.

भारत सरकार केंद्रीय विद्युत प्राधिकरण दक्षिण क्षेत्रीय विद्युत समिति 29, रेसकोर्स क्रॉस रोड बेंगलूरु -560009	 सत्यमेव जयते	<b>Email/ Speed Post</b> Government of India Central Electricity Authority <b>Southern Regional Power Committee</b> 29, Race Course Cross Road Bengaluru-560 009
Email: secommlsrpc-ka@nic.in	Web site: www.srpc.kar.nic.in	Fax: 080-22259343
सं/No. SRPC/ SE(C)/ 2022	763-66	दिनांक /Date 05 <sup>th</sup> April 2022

सेवा में / To

1. Executive Director, NLDC, New Delhi.
2. Dy. COO, CTUIL, Gurugram (Haryana).

**Subject:** Reallocation of surrendered power of 149.27 MW of Talangana in NLC TPS II to TANGEDCO: Exemption of LTA for NLC TPSII Stage-I for the additional allocation - Reg.

**Ref:** TANGEDCO Letter No.CFC/RC/SE/CERC/EE2/AEE/F.LTA Reduc.(Addl. Power) /D.83/22 dated 01.04.2022.

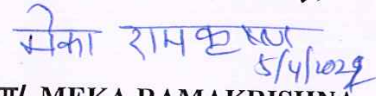
Sir,

Kindly find enclosed the TANGEDCO letter dated 01.04.2022 requesting to exclude the additional allocation of 52.37 MW (244-191.646) in respect of NLC TPS II Stage-I from the total LTA+MTOA of TANGEDCO with effect from the date of scheduling the power i.e., 30.03.2022.

This is for information and the kind needful please.

संलग्नक: यथपरी

भवदीय/Yours faithfully,

  
5/4/2022

(मेका रामकृष्ण/ MEKA RAMAKRISHNA

अधीक्षणअभियन्ता(वा)/Superintending Engineer (C)

**Copy to:**

1. Executive Director, SRLDC, Bengaluru.
2. Chief Financial Controller, Regulatory Cell, TANGEDCO, Chennai.



**TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD**

From  
B.Rajeswari, B.Com., FCMA,  
Chief Financial Controller /Regulatory Cell,  
7<sup>th</sup> Floor, Western wing,  
144, Anna Salai, Chennai-02

To

1. The Director (Market Operation),  
POSOCO, B-9 (1st Floor),  
Qutab Institutional Area,  
Katwaria Sarai,  
New Delhi -110016
- 2.The Member Secretary,  
Southern Regional Power Committee,  
29, Race Course Cross Road,  
Bengaluru,  
Karnataka -560009
3. The Chief Operating Officer,  
Central Transmission Utility India Limited,  
Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk,  
Gurugram (Haryana) - 122001

Lr.No.CFC/RC/SE/CERC/EE2/AEE/F.LTA Reduc.(Addl. Power)/D.8<sup>3</sup>/22 dt: 0/04.2022

Sir,

Sub: TANGEDCO – Reallocation of surrendered power of 149.27 MW of Talengana in NLC TPSII to TANGEDCO – Exclusion of deemed LTA - CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020 – Exemption of LTA for NLC TPSII-Stage-I for the additional allocation-Requested - Regarding.

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- 5) Necessary intimation may be given to all the concerned for the purpose of allocation of transmission charges, losses and transmission deviation charges.

Thanking You,

Yours faithfully,

*B. Rajeswar*  
01/04/2022  
CHIEF FINANCIAL CONTROLLER  
REGULATORY CELL / TANGEDCO

Copy submitted to the Additional Secretary (Power)/MoP

Copy submitted to the Chairperson/CEA, New Delhi.

Copy to the GM/Commercial/NLCIL/No.135,Periyar High Road/Kilpauk/Chennai-10.

**Methodology for computation of Transmission Deviation of the states for special cases:***(As decided in 51<sup>st</sup> Meeting of Commercial Sub-Committee held on 22.04.2022)***1. When CGS/ISGS is connected to both ISTS & STU system and LTA to the state is exempted/ excluded: (Cases are:**

- i. NNTPP - TANTRANSCO system,
- ii. NTPC, Ramagundam Stage I & II – TSTRANSCO system,
- iii. NLC TPS II Stage I - TANTRASNCO system

***Transmission Deviation of state in a Time Block=******Actual Drawal in a Time Block as furnished by SRLDC – [LTA<sup>\$</sup> + MTOA + X]***

Where,

- X- Net drawal through identified STU interface nodes connected to respective CGS in a time block or the weighted average allocation (MW) of the State from the respective CGS for the respective month, whichever is less.**

**For NNTPP,**

- X- Net drawal through identified STU interface nodes connected to respective CGS in a time block or 560.835 MW (Ex bus of the station excluding Mines % allocation & LTA granted by CTU), whichever is less.**

**2. When CGS/ISGS is connected to only STU network and LTA to the state is exempted:(Cases are:**

- i. NTPC Simhadri STPS Stage I - APTRANSCO system,
- ii. MAPS - TANTRASNCO system

***Transmission Deviation of state in a Time Block =******Actual Drawal in a Time Block as furnished by SRLDC – [LTA<sup>\$</sup> + MTOA + {(Y x Z)/100}]***

Where,

**Y - Injection/drawal of respective CGS in a time block.****Z - Weighted Average Percentage Allocation of the state from the respective CGS for the respective month as published in REA (Item 2).**

- **Weighted Average Percentage Allocation (MoP) of the respective state from CGS/IGS, if CGS/ISGS is not in ABT mechanism.**

<sup>\$</sup>*LTA of the state includes the LTA exempted for Renewable Energy Generation of respective state as furnished by Implementing Agency (IA).*

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