

## Speed Post/E-Mail

भारत सरकार केंद्रीय विद्युत प्राधिकरण दक्षिण क्षेत्रीय विद्युत समिति 29, रेसकोर्स क्रॉस रोड बेंगलूरु -560009	 सत्यमेव जयते	Government of India Central Electricity Authority Southern Regional Power Committee 29, Race Course Cross Road Bengaluru-560 009
Email: <a href="mailto:secommlsrpc-ka@nic.in">secommlsrpc-ka@nic.in</a>	Web site: <a href="http://www.srpc.kar.nic.in">www.srpc.kar.nic.in</a>	Fax: 080-22259343
सं/No. SRPC/ SE(C)/ 2022/	दिनांक /Date	<b>31<sup>st</sup> May 2022</b>

सेवार्मे / To

वितरण सूची के अनुसार  
As per Distribution List

**विषय: जून 2022 महीनेका क्षेत्रीयपारेषण लेखा**

**Subject: Regional Transmission Account & Regional Transmission Deviation Account for the billing month of June 2022 (Billing Period: April 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 25.05.2022 has notified the Transmission Charges payable by DICs for the billing month of June 2022(**Annexure-I**).

Regional Transmission Account (RTA) and Regional Transmission Deviation Account (RTDA) for the billing period of April 2022 (billing month: June 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

  
31/5/2022

(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: April 2022**

**Billing Month: June, 2022**

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

## Billing Month: June, 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	1682.872	32,26,55,140	29,79,12,776	2,79,26,862	3,48,21,572	2,39,85,451	2,92,87,125	73,65,88,925
Karnataka (BESCOM)	2,715.300	21,17,83,492	48,06,79,744	4,50,59,755	5,61,84,312	3,87,00,323	4,55,62,797	87,79,70,423
Karnataka (HESCOM)	1113.882	8,68,78,746	19,71,86,536	1,84,84,609	2,30,48,173	1,58,75,815	1,86,90,969	36,01,64,848
Karnataka (GESCOM)	664.352	5,18,17,072	11,76,07,924	1,10,24,771	1,37,46,617	94,68,809	1,11,47,850	21,48,13,043
Karnataka (MESCOM)	357.457	2,78,80,321	6,32,79,274	59,31,909	73,96,406	50,94,719	59,98,132	11,55,80,762
Karnataka (CESCOM)	586.587	4,57,51,612	10,38,41,300	97,34,264	1,21,37,503	83,60,435	98,42,936	18,96,68,050
Kerala	2787.945	19,72,77,524	49,35,39,817	4,62,65,281	5,76,87,463	3,97,35,709	5,02,46,363	88,47,52,156
Tamil Nadu	8,204.801	71,33,22,860	1,45,24,66,344	13,61,56,722	16,97,71,709	11,69,40,473	8,81,07,060	2,67,67,65,168
Telangana	3873.188	27,15,39,323	68,56,56,506	6,42,74,634	8,01,43,046	5,52,03,342	3,02,55,621	1,18,70,72,472
Puducherry	505.103	88,99,885	8,94,16,596	83,82,067	1,04,51,470	71,99,078	1,24,40,188	13,67,89,285
PGCIL(SR)	3.976	5,91,716	7,03,858	65,981	82,271	56,669	68,260	15,68,752
PUGALUR HVDC(SR)	2.905	2,52,560	5,14,261	48,208	60,109	41,404	31,195	9,47,737
THRISSUR HVDC(SR)	0.968	68,496	1,71,361	16,064	20,030	13,797	17,446	3,07,194
Goa(SR)	92.294	60,599	1,63,38,491	15,31,599	19,09,727	13,15,439	0	2,11,55,855
Sembcorp Energy India Ltd Project-II (SGPL)	490.000	6,46,12,302	8,67,42,934	81,31,434	1,01,38,959	69,83,817	0	17,66,09,446
Sembcorp Energy India Ltd Project-I (TPCIL/SEIL)	55.000	37,86,854	97,36,452	9,12,712	11,38,046	7,83,898	0	1,63,57,962
South Western Railways	10.000	7,79,964	17,70,264	1,65,948	2,06,918	1,42,527	1,67,800	32,33,420
SAIL, Salem	13.650	11,86,727	24,16,410	2,26,519	2,82,442	1,94,549	1,46,580	44,53,227
<b>Total(SR)</b>								<b>7,60,47,98,724</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	8,13,699	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	26,22,986	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)	1,09,851	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>1,98,08,877</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>4,68,165</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>67,81,317</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>12,35,294</b>	As per Regulation 13(3) of Sharing Regulations 2020
<b>Total Bilateral Charges</b>		<b>3,18,40,189</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 Generating Station	State	Capacity (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	67,902
GRT Jewellers (India) Pvt Ltd	Tamil Nadu	-	150	50	150 MW: 23.03.2022	100	32,62,438

### 3 . Details of Regional Transmission Deviation Charges

Entity	Tranmission Deviation Charges Payable (Rs)
Andhra Pradesh	17,26,46,096
Karnataka	0
Kerala	2,075
Tamil Nadu	21,20,10,782
Telangana	19,29,57,102
Puducherry	0
PGCIL(SR)	0
PUGALUR HVDC(SR)	17,484
THRISSUR HVDC(SR)	0
Goa(SR)	25,11,487
NTPC,RSTPS 1& 2	0
NTPC, RSTPS 3	2,12,879
NTPC, TALCHER 2	42,71,202
NTPC, SIMHADRI 2	5,75,690
NTPC, SIMHADRI 1	3,65,950
NTPC, KUDGI STAGE 1	2,05,935
NTECL, VALLUR	3,637
NLC TS II Stage 1	20,77,143
NLC TS II Stage 2	18,85,374
NLC Stage 1 EXPN	9,50,733
NLC Stage 2 EXPN	7,07,083
NTPL	0
NNTPP	25,87,468
NPCIL,KGS 1 & 2	762
NPCIL, KGS 3 & 4	1,09,18,463
NPCIL, MAPS	0
NPCIL, KKNPP UNIT 1	70,30,604
NPCIL, KKNPP UNIT 2	56,11,131
<b>Seller</b>	
LKPPL STAGE 2	0
LKPPL STAGE 3	2,72,620
MEPL	3,37,727
SEL	2,37,318
SEIL/ TPCIL	0
COASTAL ENERGEN	0
IL&FS	5,81,360
SEIL Project 2/SGPL	1,58,141

### 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	159.58	0	1081878.03	172646096
Karnataka	117.89	0	0	0
Kerala	115.7	0	17.93	2075
Tamil Nadu	118.94	0	1782501.95	212010782
Telangana	111.74	0	1726840	192957102
Puducherry	98.73	0	0	0
PGCIL(SR)	-	0	0	0
PUGAUR HVDC(SR)	118.94	0	147	17484
THRISSUR HVDC(SR)	115.7	0	0	0
Goa(SR)	83.57	0	30052.5	2511487
<b>Inter State Generating Stations</b>				
RSTPS 1& 2	111.74	0	0	0
RSTPS 3	111.74	1905.13	0	212879
TALCHER 2	159.58	26765.27	0	4271202
SIMHADRI 2	159.58	3607.53	0	575690
SIMHADRI 1	159.58	2293.21	0	365950
KUDGI STAGE 1	117.89	1746.84	0	205935
NTECL	118.94	30.58	0	3637
NLC TS II STAGE 1	118.94	17463.79	0	2077143
NLC TS II STAGE 2	118.94	15851.47	0	1885374
NLC 1 EXPN	118.94	7993.38	0	950733
NLC 2 EXPN	118.94	0	5944.87	707083
NTPL	118.94	0	0	0
NNTPP	118.94	17973.41	3780.99	2587468
MAPS	118.94	0	0	0
KGS 1&2	117.89	6.46	0	762
KGS 3&4	117.89	92615.68	0	10918463
KKNPP UNIT 1	118.94	59110.51	0	7030604
KKNPP UNIT 2	118.94	0	47176.15	5611131
<b>SELLER</b>				
COASTAL ENERGEN	118.94	0	0	0
MEPL	159.58	0	2116.35	337727
SEPL	159.58	0	1487.14	237318
SEIL/ TPCIL	159.58	0	0	0

DIC	Rate Rs/MW	Excess Injection (MW)	Excess Withdrawal (MW)	Charges For Excess Injection/Withdrawal (Rs)
LKPPL2	159.58	0	0	0
LKPPL3	159.58	0	1708.36	272620
IL&FS	118.94	8.42	4879.42	581360
SEIL Project 2 /SGPL	159.58	0	990.98	158141
<b>Generating Station Under INFIRM Stage</b>				
				<b>Charges For Injection/Withdrawal (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 June, 2022**

**No: TC/05/2022**

**Date: 25.05.2022**

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 **60<sup>th</sup> time block (14:45 Hrs to 15:00 Hrs) on 29<sup>th</sup> Apr,2022** as a peak block for the billing period of Apr'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 18.05.2022 with last date of submission of comments as 20.05.2022. 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 15.05.2022 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.05.2022.
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. CTU vide letter no. C/CTU/S/07/NLDC dated 13.05.2022 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 June, 2022.

7. NRPC vide email dated 19.05.2022 has furnished the details of allocation from different ISGS for billing period Apr,2022 after considering the relinquishment of power from Dadri GPS to Punjab and Haryana. Accordingly, Implementing Agency has considered the data furnished by NRPC for the computation of transmission charges for billing month June,2022.
8. As per Hon'ble CERC order dated 14.03.2022 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2021, YTC of 4th conductor of 400kV Quad Moose Mahan Bilaspur transmission Line is to be recovered from Essar Power (MP) Limited. Accordingly, Essar Power Transmission Company Limited vide email dated 19.05.2022 has submitted the format-I (C) for bilateral billing. Implementing Agency has considered the same for computation of transmission charges for billing month June,2022.
9. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.
10. Accordingly, the transmission charges are hereby notified for the billing month of June'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 June'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of June'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 Apr'22 is given at **Annexure-VIII**.
- l) CTU letter dated 13.05.2022 **Annexure-IX**.



(एस. सी. सक्सेना)

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 30.04.2022. Torrent Power Grid Ltd. and Damodar Valley Corporation have submitted YTC on 02.05.2022. Darbhanga-Motihari Transmission Co. Ltd., NRSS XXXI (B) Transmission Ltd. and Khargone Transmission Limited have submitted YTC on 04.05.2022. Parbati Koldam Transmission Company Limited has submitted revised YTC on 05.05.2022. Powerlinks Transmission Limited has submitted YTC on 06.05.2022. Chhattisgarh State Power Transmission Company Ltd. has submitted YTC on 07.05.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 10.05.2022. Essar Power Transmission Company Limited has submitted revised YTC on 19.05.2022. 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 Apr'22**

<b>Sl. No.</b>	<b>Name of ISTS Licensee</b>
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	Western Transmission Gujarat Limited
7	Western Transco Power Limited
8	Alipurduar Transmission Limited
9	Fatehgarh-Bhadla Transmission Ltd.
10	North Karanpura Transco Limited
11	Bikaner-Khetri Transmission Limited
12	Jam Khambaliya Transco Limited
13	Essar Power Transmission Company Limited
14	Jindal Power Limited
15	Kudgi Transmission Limited
16	Parbati Koldam Transmission Company Limited

<b>Sl. No.</b>	<b>Name of ISTS Licensee</b>
17	Bhopal Dhule Transmission Company Ltd.
18	East North Interconnection Company Limited
19	Gurgaon Palwal Transmission Limited
20	Jabalpur Transmission Company Limited
21	Maheshwaram Transmission Limited
22	Khargone Transmission Company Ltd.
23	NRSS-XXIX Transmission Limited
24	Odisha Generation Phase-II Transmission Limited
25	Patran Transmission Company Limited
26	Purulia & Kharagpur Transmission Company Limited
27	Rapp Transmission Company Limited
28	NER-II Transmission Limited
29	Teestavalley Power Transmission Limited
30	Torrent Power Grid Limited
31	Darbhanga-Motihari Transmission Company Limited
32	NRSS XXXI (B) Transmission Limited
33	Kohima Mariani Transmission Limited
34	Raichur Sholapur Transmission Company Private Limited
35	Damodar Valley Corporation
36	Powerlinks Transmission Limited
37	Warora-Kurnool Transmission Limited
38	Powergrid Vizag Transmission Limited
39	Powergrid NM Transmission Limited
40	Powergrid Unchahar Transmission Limited
41	Powergrid Parli Transmission Limited
42	Powergrid Kala Amb Transmission Limited
43	Powergrid Southern Interconnector Transmission System Limited

Sl. No.	Name of ISTS Licensee
44	Powergrid Jabalpur Transmission Limited
45	Powergrid Warora Transmission Limited
46	Powergrid Medinipur Jeerat Transmission Limited
47	Powergrid Mithilanchal Transmission Limited
48	Powergrid Ajmer Phagi Transmission Limited
49	Powergrid Varanasi Transmissoin System Limited
50	Powergrid Fatehgarh Transmission Limited
51	Powergrid Khetri Transmission System Ltd.
52	North East Transmission Company Limited
53	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
54	Madhya Pradesh Power Transmision Co. Ltd.
55	Chhattisgarh State Power Transmission Company 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 07.05.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 12.05.2022. CTU has submitted data in formats II-C, II-D, II (G2) to II (G5) on 10.05.2022 and submitted data in formats II-A, II-B, II-E, II-F, II-(G1) on 20.05.2022 (evening).

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 07.05.2022 is as mentioned below:

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

6	D&D	Vallur(NTECL)	Jammu & Kashmir	Tripura		
7	DNH	IL&FS	BBMB			
8	Hazira	Acme (Athena) Rewa	ReNew Solar Power Private Limited			
9	ACBIL	Sprng Agnitra				
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 Renew-TN2				
13	CGPL	PVG ADYAH				
14	DB Power Ltd.	PVG AMPLUS Tumkur and PVG AMPLUS Pavagada				
15	DGEN	PVG Azure Earth				
16	Dhariwal	Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park)				
17	GMR Warora	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)				
18	Raipur Energen	PVG Parampujya				
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(ASIPL)					

**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. 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 Apr'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 Apr'22. For the ISTS licensees who have not submitted YTC data for Apr'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 Apr'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 Apr,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	348
2	± 500	HVDC	170
3	765	D/C	484
4	765	S/C	221
5	400	S/C	93
6	400	M/C TWIN	432
7	400	D/C Quad Moose	282
8	400	D/C Twin HTLS	199
9	400	D/C Twin Moose	163
10	400	M/C QUAD	813
11	400	D/C TRIPLE	229
12	400	S/C QUAD	155
13	220	D/C	68
14	220	S/C	52
15	220	M/C TWIN	311
16	132	D/C	45
17	132	S/C	26
18	132	M/C TWIN	215

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:

- a. 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.
- b. The indicative cost level of 400 kV Quad Bersimis D/C has been considered to be same as 400 kV Quad Moose D/C.
- c. The indicative cost level of 765 kV Hexa zebra has been considered to be same as 765 kV Quad Bersimis.
- d. 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.
- e. 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 June,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	192667595	805361191	75495959	94134743	191659259	53749097		1413067845
2	UP	NR	9413	796847535	1666367297	156208169	194773549	396560854	136069849	3812301	3350639554
3	Punjab	NR	4222	174988096	747476861	70069781	87368926	177883990	99453690	1324286	1358565630
4	Haryana	NR	3921	204986510	694073281	65063637	81126842	165175045	178771404		1389196719
5	Chandigarh	NR	352	12926643	62356346	5845392	7288529	14839517	3021680		106278107
6	Rajasthan	NR	4393	220675378	777699494	72902903	90901502	185076349	90189009	4147068	1441591704
7	HP	NR	1744	29465882	308649036	28933298	36076481	73452069	24383927	50176292	551136983
8	J&K	NR	2320	44343677	410789691	38508140	48015204	97759426	53354178		692770317
9	Uttarakhand	NR	1224	112586087	216681069	20312060	25326794	51565600	29258501	2539808	458269920
10	GMR Kamalanga	NR	75	3564894	13276980	1244607	1551881	3159646			22798008
11	WBSEDCL_Inj	NR	600	0	106215837	9956857	12415051	25277166			153864912
12	MB Power	NR	175	25037129	30979619	2904083	3621057	7372507			69914395
13	Jorthang	NR	86.4	1013551	15295081	1433787	1787767	3639912			23170098
14	Tashiding	NR	87.3	0	15454404	1448723	1806390	3677828			22387345
15	Northern Railways	NR							2442120		2442120
16	North Central Railways	NR							1981331		1981331
17	RAPP 7&8, NPCIL	NR								32328575	32328575
18	Gujarat	WR	8967	697758219	1587415183	148807061	185545221	120570635	52265648	940685	2793302653
19	Madhya Pradesh	WR	7420	547320706	1313611412	123140219	153541633	99774125	118405987	3740558	2359534641
20	Maharashtra	WR	7762	1184146398	1374099705	128810497	160611815	104368457	74879940		3026916812
21	Chhattisgarh	WR	2336	130242975	413612359	38772742	48345132	31415540	22287917		684676664
22	Goa	WR	513	39950265	90883114	8519541	10622884	6902942	10250676	1406529	168535951

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	447	26891613	79176359	7422130	9254539	6013766	16776513		145534920
24	Dadra Nagar Haveli	WR	1034	106624977	182966171	17151567	21386024	13897024	9513223		351538986
25	Jindal Power Limited	WR	125	14607545	22128299	2074345	2586469	1680734			43077393
26	ACB Ltd	WR	51	5860760	8939833	838035	1044933	679017			17362578
27	Torrent Power	WR	200	3869485	35405279	3318952	4138350	2689175			49421241
28	Sembcorp Energy India Ltd Project-I	WR	115	7917967	20358035	1908398	2379552	1546276			34110227
29	DB Power	WR	186	40903108	32926910	3086626	3848666	2500933			83266241
30	TRN Energy Pvt. Ltd.	WR	3	0	531079	49784	62075	40338			683276
31	CSPTCL	WR	261	0	46203889	4331233	5400547	3509373			59445043
32	WBSEDCL_Inj	WR	400	0	70810558	6637905	8276701	5378350			91103514
33	GMR Warora Energy Ltd, Maharashtra	WR	45	2781126	7893607	739960	922645	599552			12936890
34	MB Power	WR								11457115	11457115
35	Adani Power Limited	WR								276398778	276398778
36	Essar Steel	WR							8521798		8521798
37	Powerica Ltd.	WR								21008742	21008742
38	Essar Power M.P. Limited	WR								60588063	60588063
39	Andhra Pradesh	SR	1685	323129860	298351094	27967951	34872805	24020741	29330215		737672665
40	Telangana	SR	3873	271539323	685656506	64274634	80143046	55203342	30255621		1187072472
41	Tamil Nadu	SR	8221	714762146	1455397015	136431448	170114261	117176427	88284836		2682166133
42	Kerala	SR	2789	197346020	493711178	46281345	57707492	39749505	50263809		885059350

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	Karnataka	SR	5449	425008200	964630582	90426149	112750965	77664007	91435654	3436685	1765352242
44	Pondicherry	SR	505	8899885	89416596	8382067	10451470	7199078	12440188		136789285
45	Goa-SR	SR	92	60599	16338491	1531599	1909727	1315439			2115855
46	Sembcorp Energy India Ltd Project-I	SR	55	3786854	9736452	912712	1138046	783898		109851	16467812
47	Sembcorp Energy India Ltd Project-II	SR	490	64612302	86742934	8131434	10138959	6983817		6781317	183390762
48	BHAVINI	SR								19808877	19808877
49	Betam	SR								468165	468165
50	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1235294	1235294
51	West Bengal	ER	2410	335584164	426681043	39997823	49872667	65979155	46773808		964888660
52	Odisha	ER	1774	130800296	313992078	29434164	36701003	48553673	67256068		626737282
53	Bihar	ER	5478	225195114	969779074	90908777	113352748	149960269	165136846		1714332827
54	Jharkhand	ER	696	37816863	123246207	11553314	14405648	19057984	48858502	9550731	264489250
55	Sikkim	ER	94	2106129	16705768	1566028	1952656	2583270	2602059		27515910
56	DVC	ER	640	38031552	113379060	10628350	13252326	17532193	9522822		202346304
57	Bangladesh	ER	782	25919666	138511512	12984310	16189935	21418511			215023935
58	NPGC Nabinagar	ER								10047452	10047452
59	Arunachal Pradesh	NER	288	4559667	50941138	4775311	5954261	8724869	13509413		88464659
60	Assam	NER	1628	60850767	288240160	27020134	33690987	49367910	22096358	983287	482249604
61	Manipur	NER	220	8628815	39003832	3656287	4558968	6680324	3870933		66399159

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	Meghalaya	NER	285	8541345	50422795	4726721	5893675	8636090	379788		78600413
63	Mizoram	NER	156	7253249	27574961	2584925	3223103	4722861	1482821		46841919
64	Nagaland	NER	194	11919145	34387644	3223558	4019404	5889693	23390901		82830344
65	Tripura	NER	306	3946716	54118486	5073161	6325646	9269064	22932896		101665969
<b>Total</b>			<b>101140.86</b>	<b>7538276798</b>	<b>17904602584</b>	<b>1678408593</b>	<b>2092781699</b>	<b>2547137526</b>	<b>1715400026</b>	<b>522290460</b>	<b>33998897687</b>

### 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)

S.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	67902	
2	Avaada Energy Pvt. Ltd.	Rajasthan		150	150	50MW: 17.03.2022 50MW: 25.02.2022 50MW: 08.04.2022	150MW: 25.02.2022	0	381737	Charges computed for 07 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	460873	
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	2176689	
5	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1557002	

6	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	9524226	
7	GRT Jewellers (India) Pvt Ltd	Tamil Nadu		150	50	50MW: 30.03.2022	150 MW: 23.03.2022	100	3262438	
8	NTPC LTD. (Auraiya Floating Solar)	Uttar Pradesh		20			20 MW: 11.04.2022	20	474067	Charges computed for 20 days corresponding to 20 MW
9	Avaada Energy Pvt. Ltd.	Rajasthan		300		10MW: 08.02.2022 50MW: 13.04.2022	60MW: 13.04.2022 100MW: 23.04.2022	100	872541	Charges computed for 08 days corresponding to 100 MW

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

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	43.14
2	UP	NR	49.38
3	Punjab	NR	44.64
4	Haryana	NR	49.21
5	Chandigarh	NR	41.91
6	Rajasthan	NR	45.44
7	HP	NR	39.91
8	J&K	NR	41.46
9	Uttarakhand	NR	51.71
10	Gujarat	WR	43.25
11	Madhya Pradesh	WR	44.09
12	Maharashtra	WR	54.16
13	Chhattisgarh	WR	40.70
14	Goa	WR	45.21
15	Daman Diu	WR	45.19
16	Dadra Nagar Haveli	WR	47.24
17	Andhra Pradesh	SR	60.79
18	Telangana	SR	42.57
19	Tamil Nadu	SR	45.31
20	Kerala	SR	44.08
21	Karnataka	SR	44.91
22	Pondicherry	SR	37.61
23	Goa-SR	SR	31.84
24	West Bengal	ER	55.60
25	Odisha	ER	49.08
26	Bihar	ER	43.46
27	Jharkhand	ER	50.86
28	Sikkim	ER	40.50
29	DVC	ER	43.88
30	Bangladesh	ER	38.17
31	Arunachal Pradesh	NER	42.70
32	Assam	NER	41.05
33	Manipur	NER	41.86
34	Meghalaya	NER	38.33
35	Mizoram	NER	41.77
36	Nagaland	NER	59.22
37	Tripura	NER	46.19

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

SI.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	8981.42	
2	Delhi	NR	4534.38	
3	Haryana	NR	3862.44	
4	Uttarakhand	NR	1224.00	
5	Punjab	NR	4187.40	
6	Rajasthan	NR	4382.18	
7	Himachal Pradesh	NR	1743.52	
8	Jammu & Kashmir	NR	2320.50	
9	Chandigarh	NR	352.24	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	256.88	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	8954.23	
28	Madhya Pradesh	WR	7210.74	
29	Chhattisgarh	WR	2331.38	
30	Maharashtra	WR	7629.93	
31	GOA	WR	513.39	
32	Daman Diu	WR	447.26	
33	Dadra Nagar Haveli	WR	1033.55	
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_MP	WR	209.00	Madhya Pradesh
41	Railways_Maharashtra	WR	122.18	Maharashtra
42	ACB Ltd.	WR	50.50	
43	JINDAL	WR	125.00	

44	Torrent Power	WR	200.00	
45	DB Power	WR	186.00	
46	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
47	CSPTCL	WR	261.00	
48	TRN Energy Pvt. Ltd.	WR	3.00	
49	Sembcorp Energy India Ltd	WR	115.00	
50	WBSEDCL	WR	400.00	
51	BIHAR	ER	5377.25	
52	JHARKHAND	ER	696.20	
53	DVC	ER	330.46	
54	ORISSA	ER	1773.70	
55	WEST BENGAL	ER	2408.86	
56	SIKKIM	ER	94.37	
57	Bangladesh	ER	782.43	
58	TATA Steel Ltd.	ER	200.00	DVC
59	Railways_Bihar	ER	100.00	Bihar
60	Railways_DVC	ER	110.00	DVC
61	HVDC Alipurduar	ER	1.41	West Bengal
62	POWERGRID PUSAULI	ER	0.91	Bihar
63	Andhra Pradesh	SR	1682.87	
64	Karnataka	SR	5437.58	
65	KSEB	SR	2787.94	
66	Tamil Nadu	SR	8204.80	
67	Telangana	SR	3873.19	
68	Puducherry	SR	505.10	
69	Goa	SR	92.29	
70	SAIL, Salem	SR	13.65	Tamil Nadu
71	Railways_Karnataka	SR	10.00	Karnataka
72	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
73	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
74	PG-HVDC Kolar	SR	1.50	Karnataka
75	PG-HVDC Pugalur	SR	2.90	Tamil Nadu
76	PG-HVDC Thrissur	SR	0.97	Kerala
77	Sembcorp Energy India Ltd Project-I	SR	55.00	
78	Sembcorp Energy India Ltd Project-II	SR	490.00	
79	Arunachal Pradesh	NER	287.76	
80	Assam	NER	1621.87	
81	Manipur	NER	220.33	
82	Meghalaya	NER	284.83	
83	Mizoram	NER	155.77	
84	Nagaland	NER	194.25	
85	Tripura	NER	305.71	
86	PG-HVDC BNC	NER	1.37	Assam
87	Railway Assam	NER	5.00	Assam
<b>TOTAL</b>			<b>101140.864</b>	

**\*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.**

**Transmission Charges claimed by ISTS licensees for the billing period Apr'22**

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Apr'22 (₹ Cr)	Equivalent MTC to be considered for Apr'22 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	32293.55	32293.55	2654.26	As per data furnished by ISTS Licensee for Apr'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	618.87	618.87	50.87	As per data furnished by ISTS Licensee for Apr'22
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	13.56	As per data furnished by ISTS Licensee for Apr'22
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.06	As per data furnished by ISTS Licensee for Apr'22
5	Sipat Transmission Limited.	94.92	94.92	7.80	As per data furnished by ISTS Licensee for Apr'22
6	Western Transmission Gujarat Limited	53.00	53.00	4.36	As per data furnished by ISTS Licensee for Apr'22
7	Western Transco Power Limited	97.41	97.41	8.01	As per data furnished by ISTS Licensee for Apr'22
8	Alipurduar Transmission Limited	153.02	153.02	12.58	As per data furnished by ISTS Licensee for Apr'22
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	3.95	As per data furnished by ISTS Licensee for Apr'22
10	North Karanpura Transco Limited	23.64	23.64	1.94	As per data furnished by ISTS Licensee for Apr'22
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.60	As per data furnished by ISTS Licensee for Apr'22
12	Jam Khambaliya Transco Limited	40.36	40.36	2.10	As per data furnished by ISTS Licensee for Apr'22. As COD is 12/04/2022, MTC considered for 19 days.
13	Aravali Power Company Private Limited	10.78	10.78	0.89	Data not furnished for Apr'22. Considered the same as in the earlier billing period.
14	Essar Power Transmission Company Limited	402.22	402.22	33.06	Data not furnished for Apr'22. Considered the same as in the earlier billing period.
15	Essar Power Transmission Company Limited (NTPC Portion)	3.46	3.46	0.28	Data not furnished for Apr'22. Considered the same as in the earlier billing period.
16	Jindal Power Limited	19.12	19.12	1.57	As per data furnished by ISTS Licensee for Apr'22
17	Kudgi Transmission Limited	196.29	196.29	16.13	As per data furnished by ISTS Licensee for Apr'22

18	Parbati Koldam Transmission Company Limited	171.37	171.37	14.09	As per data furnished by ISTS Licensee for Apr'22
19	Bhopal Dhule Transmission Company Ltd.	260.22858	260.23	21.39	As per data furnished by ISTS Licensee for Apr'22
20	East North Interconnection Company Limited	144.30290	144.30	11.86	As per data furnished by ISTS Licensee for Apr'22
21	Gurgaon Palwal Transmission Limited	140.88229	140.88	11.58	As per data furnished by ISTS Licensee for Apr'22
22	Jabalpur Transmission Company Limited	146.87619	146.88	12.07	As per data furnished by ISTS Licensee for Apr'22
23	Maheshwaram Transmission Limited	55.96707	55.97	4.60	As per data furnished by ISTS Licensee for Apr'22
24	Khargone Transmission Company Ltd.	182.08100	182.08	14.97	As per data furnished by ISTS Licensee for Apr'22
25	NRSS-XXIX Transmission Limited	501.80300	501.80	41.24	As per data furnished by ISTS Licensee for Apr'22
26	Odisha Generation Phase-II Transmission Limited	154.18427	154.18	12.67	As per data furnished by ISTS Licensee for Apr'22
27	Patran Transmission Company Limited	30.71316	30.71	2.52	As per data furnished by ISTS Licensee for Apr'22
28	Purulia & Kharagpur Transmission Company Limited	72.39998	72.40	5.95	As per data furnished by ISTS Licensee for Apr'22
29	Rapp Transmission Company Limited	44.00684	44.01	3.62	As per data furnished by ISTS Licensee for Apr'22
30	NER-II Transmission Limited	412.52850	412.53	33.91	As per data furnished by ISTS Licensee for Apr'22
31	Teestavalley Power Transmission Limited	257.15	257.15	21.14	As per data furnished by ISTS Licensee for Apr'22
32	Torrent Power Grid Limited	39.40	39.40	3.24	As per data furnished by ISTS Licensee for Apr'22
33	Darbhanga-Motihari Transmission Company Limited	119.03	119.03	9.78	As per data furnished by ISTS Licensee for Apr'22
34	NRSS XXXI (B) Transmission Limited	90.76	90.76	7.46	As per data furnished by ISTS Licensee for Apr'22
35	Jaypee Powergrid Limited	138.41	138.41	11.38	Data not furnished for Apr'22. Considered the same as in the earlier billing period.
36	Kohima Mariani Transmission Limited	237.50	237.50	19.52	As per data furnished by ISTS Licensee for Apr'22
37	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.89	As per data furnished by ISTS Licensee for Apr'22
38	Damodar Valley Corporation	109.09	109.09	8.97	As per data furnished by ISTS Licensee for Apr'22
39	Powerlinks Transmission Limited	137.17	137.17	11.27	As per data furnished by ISTS Licensee for Apr'22
40	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Apr'22. Considered the same as in the earlier billing period.

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41	Warora-Kurnool Transmission Limited	6.21	6.21	0.51	As per data furnished by ISTS Licensee for Apr'22
42	Powergrid Vizag Transmission Limited	234.35	234.35	19.26	As per data furnished by ISTS Licensee for Apr'22
43	Powergrid NM Transmission Limited	111.34	111.34	9.15	As per data furnished by ISTS Licensee for Apr'22
44	Powergrid Unchahar Transmission Limited	19.76	19.76	1.62	As per data furnished by ISTS Licensee for Apr'22
45	Powergrid Parli Transmission Limited	326.22	326.22	26.81	As per data furnished by ISTS Licensee for Apr'22
46	Powergrid Kala Amb Transmission Limited	68.656	68.66	5.64	As per data furnished by ISTS Licensee for Apr'22. Bilateral payment of HPSEB is also included in the claimed YTC
47	Powergrid Southern Interconnector Transmission System Limited	449.68	449.68	36.96	As per data furnished by ISTS Licensee for Apr'22
48	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.08	As per data furnished by ISTS Licensee for Apr'22
49	Powergrid Warora Transmission Limited	364.20	364.20	29.93	As per data furnished by ISTS Licensee for Apr'22
50	Powergrid Medinipur Jeerat Transmission Limited	555.23	555.23	45.64	As per data furnished by ISTS Licensee for Apr'22
51	Powergrid Mithilanchal Transmission Limited	170.00	170.00	13.97	As per data furnished by ISTS Licensee for Apr'22
52	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.23	As per data furnished by ISTS Licensee for Apr'22
53	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.61	As per data furnished by ISTS Licensee for Apr'22
54	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.13	As per data furnished by ISTS Licensee for Apr'22
55	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.41	As per data furnished by ISTS Licensee for Apr'22
56	North East Transmission Company Limited	260.21	260.21	21.39	As per data furnished by ISTS Licensee for Apr'22
57	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	439.71	44.86	3.69	As per data furnished by ISTS Licensee for Apr'22. CERC approved ISTS lines are only considered as per Sharing Regulations 2020
58	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.03	As per data furnished by ISTS Licensee for Apr'22
59	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Apr'22. CERC Tariff Order dated 12.06.2019 has been considered
60	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Apr'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.
61	Power Transmission Corporation Of Uttarakhand Ltd	43.39	43.39	3.57	Data not furnished by ISTS Licensee for Apr'22. CERC Tariff Order dated 09.11.2021 , 25.11.2021 and 13.06.2021 have been considered.

62	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.52	Data not furnished by ISTS Licensee for Apr'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
63	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Apr'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
64	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	As per data furnished by ISTS Licensee for Apr'22
65	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.21	Data not furnished for Apr'22. Considered the same as in the earlier billing period.
66	Odisha Power Transmission Corporation Limited	9.80	9.67	0.79	Data not furnished by ISTS Licensee for Apr'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.
67	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	Haryana Vidyut Prasaran Nigam Limited	8.09	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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

75	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Apr'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
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TOTAL MTC considered for the billing period Apr'22  
from the claimed assets of ISTS licensees (₹ Crores)

**3399.89**

**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	805808	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	10047452		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	1620000	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	48556292	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 Jalandhar Substation	Punjab State Transmission Corporation Limited (PSTCL)	NR	1324286	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	1464658	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 (RRVPL)	NR	2682411	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	32328575		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	3812301	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	468165		As per Regulation 13(3) of Sharing Regulations 2020
17	Asset 1. Kalpakkam PFBR-Sirucheri 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	19808877		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	813699	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	2622986	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	109851		As per Regulation 13(9) of Sharing Regulations 2020
21	HVDC Mundra-Mahendergarh	Adani Power Limited	WR	276398778		--
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	1406529	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	940685	Gujarat	As per Regulation 13(12) of Sharing Regulations 2021
24	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	MB Power	WR	11457115		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	3740558	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	1235294		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	983287.10	Assam	As per Regulation 13(12) of Sharing Regulations 2020
30	04 Nos. 220 kV bays at Dehradun Substation	Power Transmission Corporation Of Uttarakhand Limited	NR	2539808.22	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020

						Annexure-I (Page 30 of 43)
31	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-2	SR	6781316.51		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	8744922.95	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
33	Establishment of 4x500MVA, 400/220kV Jam Khambhaliya PS (GIS)	Powerica Ltd.	WR	21008742.47		As per Regulation 13(12) of Sharing Regulations 2020
34	1x125MVA, 420kV Bus reactor at Jam Khabhaliya PS along with reactor bay		WR			As per Regulation 13(12) of Sharing Regulations 2020
35	Extension of Essar–Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS		WR			As per Regulation 13(12) of Sharing Regulations 2020
36	2 nos. of 400kV line bays at Jam Khambhaliya PS for termination of Jam Khambhaliya PS-Lakadia 400kV D/C (triple) line		WR			As per Regulation 13(12) of Sharing Regulations 2020
37	63MVA switchable Line Reactor at both ends of Lakadia - Jam Khambhaliya 400kV D/c line along with 500 Ohms NGR on both circuits & at both ends of Lakadia – Jam Khambhaliya 400 kV D/c line		WR			As per Regulation 13(12) of Sharing Regulations 2020
38	Mahan Bilaspur Line	Essar Power M.P. Limited	WR	60588062.83		As per CERC order dated 14.03.2022 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2021

**TOTAL**

**522290460**

**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 Apr'22**

(As furnished by CTU- cumulative till Apr'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/MT OA operationalization	Exempted quantum in MW (as on Apr'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 Jun'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).		
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 Jun'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 L & SBPDCL)	300 MW: 04.11.19	300	No billing for Jun'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 Jun'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 Jun'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 Jun'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 Jun'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 Jun'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 Jun'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 Jun'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 Jun'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 Jun'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 Renewable Energy Park 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 Jun'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 Jun'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 Jun'22 billing month. Included in Format II G(2).		

23	Continuum Power Trading (TN) Pvt. Ltd	WR	50	50	MPPMC L	15.02.2021	50	32MW RE Capacity commissioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for Jun'22 billing month. Included in Format II G(2).		
24	Avikiran Solar India Private Ltd.. (ASIPL)	WR	285	285	MSEDCL - 100MW MPPMC L- 185MW	09.05.2021	126	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; 12.60MW: 19.04.22; 14.70MW: 22.04.22		
25	Essel Saurya Urja Company of Rajasthan Ltd.	NR	750	750	PSPCL- 300MW NBPDC L - 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 - 208.82 MW TSNPDC L- 87.18MW W 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 Jun'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 Jun'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	MPPMC L	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	MPPMC L	01.09.2021	50	COD of 50MW: 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 NBPDCCL : 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 1 <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	150.0	50MW: 15.08.2021; 50MW: 04.04.2022; 50MW: 11.04.2022. 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 Jun'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	MPPMC L- 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 TSNPDC L- 41.23MW, TANGED CO-160MW	100MW :18.01.2022	100.0	100MW COD w.e.f. 14.01.2022	Bikaner	Avaada Sustainable 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	150.0	Additional 50MW 50MW COD w.e.f. 25.02.2022. 50MW: 17.03.2022; 50MW: 08.04.2022. 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 TSNPDC L- 41.23MW, TANGED CO-160MW	40MW: 08.02.2022	40.0	40MW COD w.e.f. 08.02.2022	Bikaner	Avaada Sustainable RJProject Pvt. Ltd.

45	Avaada Energy Pvt. Ltd. (MTOA)	NR	240.0	240.0	UHBVNL & DHBVNL, Haryana	240 MW: 01.02.2022	151.35	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; 6.4MW: 07.04.2022	Bikaner	Avaada RJHN Pvt. Ltd.
46	Masaya Solar Energy Private Ltd	WR	300.0	300.0	TSSPDCL : 91.715 MW TSNPDC L: 38.285 MW TANGED CO: 170MW	300MW : 25.03.2022	0.00	Included in Format II G (3)	Khandwa (PG)	
47	GRT Jewellers (India) Pvt Ltd	SR	150	150	SBPDC L: 81 MW NBPDC L: 69 MW	150 MW: 23.03.2022	100	Entire LTA of 150 MW was operationalized vide CTU letter dated 21.03.2022. 50 MW: 30.03.2022 (COD) 50 MW: 13.04.2022 (COD). Included in Format II G (3).		
48	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL: 300MW	02.04.2022	0		Fatehgarh	ACME Raisal Solar Energy Pvt Ltd
49	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL:100MW BYPL:100MW TPDDL :100MW	02.04.2022	0		Fatehgarh	ACME Phalodi Solar Energy Pvt Ltd
50	ACME Solar Holdings Pvt. Ltd.	NR	300	300	HPPC (NR)	02.04.2022	0		Fatehgarh	ACME Deoghar Solar Energy Pvt Ltd
51	ACME Solar Holdings Pvt. Ltd.	NR	200 out of 300	300	HPPC: 100MW NBPDC L: 69MW SBPDC L: 81MW Puduchery: 50MW	02.04.2022	0		Fatehgarh	ACME Dhaulpur Solar Energy Pvt Ltd



**सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड**

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उदयम)

**CENTRAL TRANSMISSION UTILITY OF INDIA LTD.**

(A wholly owned subsidiary of Power Grid Corporation of India Limited)

(A Government of India Enterprise)

**Ref. No.:** C/CTU/S/07/NLDC

**Date:** 13.05.2022

**Shri Meka Ramakrishna**

Superintending Engineer (C)

Southern Regional Power Committee,

29, Race Course Cross Road,

Bangalore – 560 009

**Sub: Reallocation of surrendered power of Telangana in NLC TPS-II to TANGEDCO :  
Exemption of LTA for NLC TPS-II Stage-I for the additional allocation – reg.**

Dear Sir,

This is with reference to your letter dated 05.04.2022 vide which copy of TANGEDCO letter dated 01.04.2022 regarding exclusion of additional allocation of 52.37 MW in respect of NLC TPS-II Stage-I from the total LTA+MTOA of TANGEDCO has been forwarded.

In this regard, it is to mention that on surrender of allocation by Telangana and re-allocation of 52.37 MW by MoP to Tamil Nadu from the surrendered share of Telangana in NLC TPS-II Stage-I, the allocation is to be considered under the present scenario. Accordingly, in view of the availability of number of 230kV evacuation transmission lines of Tamil Nadu from NLC TPS-II Stage-I, CTU is in the opinion that existing TANTRANSCO system is capable of evacuating additional 52.37 MW allocated to Tamil Nadu from NLC TPS-II Stage-I. Therefore, additional 52.37 MW is to be exempted in respect of NLC TPS-II Stage-I from total LTA+MTOA of TANGEDCO.

Thanking you,

Yours faithfully,



(Anil Kr. Meena)  
Sr. DGM

**Copy to :**

**Executive Director**

National Load Dispatch Centre

POSOCO

61, IFCI Tower, 8 & 9<sup>th</sup> Floor,

Nehru Place, New Delhi – 110019

**Chief Financial Controller / Regulatory  
Cell**

TANGEDCO

7<sup>th</sup> Floor, Western Wing

144, Anna Salai ,

Chennai - 02

**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 - TANTRANSCO system

$$\text{Transmission Deviation of state in a Time Block} = \frac{\text{Actual Drawal in a Time Block as furnished by SRLDC} - [LTA^{\$} + MTOA + X]}{\text{Actual Drawal in a Time Block as furnished by SRLDC}}$$

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 - TANTRANSCO system

$$\text{Transmission Deviation of state in a Time Block} = \frac{\text{Actual Drawal in a Time Block as furnished by SRLDC} - [LTA^{\$} + MTOA + \{(Y \times Z)/100\}]}{\text{Actual Drawal in a Time Block as furnished by SRLDC}}$$

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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