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भारत सरकार केंद्रीय विद्युत प्राधिकरण दक्षिण क्षेत्रीय विद्युत समिति 29, रेसकोर्स क्रॉस रोड बैंगलूरु -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)/RTA&RTDA/2022/	दिनांक /Date	29 <sup>th</sup> July 2022

सेवामें / To

वितरण सूची के अनुसार  
As per Distribution List

विषय: अगस्त, 2022 महीने का क्षेत्रीय पारेषण लेखा

Subject: Regional Transmission Account & Regional Transmission Deviation Account for the billing month of August 2022(Billing Period: June 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 25.07.2022 has notified the Transmission Charges payable by DICs for the billing month of August 2022 (**Annexure-I**).

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

FOR अधीक्षण अभियन्ता(वा)/Superintending Engineer (C)

*Ausho*  
29/7/22

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: June 2022**

**Billing Month: August, 2022**

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

## Billing Month: August, 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	1709.181	24,93,08,710	29,67,76,061	3,18,39,580	3,74,49,267	2,48,92,075	3,25,09,886	67,27,75,580
Karnataka (BESCOM)	2,448.547	20,06,39,854	42,51,56,909	4,56,12,901	5,36,49,255	3,56,60,011	4,83,10,058	80,90,28,988
Karnataka (HESCOM)	1013.61	8,30,57,665	17,59,99,631	1,88,82,097	2,22,08,857	1,47,61,959	1,99,98,622	33,49,08,830
Karnataka (GESCOM)	600.986	4,92,46,204	10,43,52,966	1,11,95,494	1,31,67,983	87,52,599	1,18,57,500	19,85,72,745
Karnataka (MESCOM)	321.571	2,63,50,283	5,58,36,388	59,90,399	70,45,824	46,83,274	63,44,620	10,62,50,788
Karnataka (CESCOM)	534.22	4,37,75,241	9,27,59,967	99,51,740	1,17,05,098	77,80,237	1,05,40,201	17,65,12,484
Kerala	2786.528	15,63,25,897	48,38,42,701	5,19,08,999	6,10,54,636	4,05,82,278	5,02,43,416	84,39,57,927
Tamil Nadu	8,388.568	44,66,33,528	1,45,65,60,797	15,62,66,928	18,37,98,969	12,21,68,951	9,14,66,356	2,45,68,95,529
Telangana	3891.244	17,76,31,240	67,56,61,637	7,24,88,267	8,52,59,683	5,66,71,080	3,36,53,899	1,10,13,65,806
Puducherry	501.931	1,25,41,687	8,71,53,537	93,50,255	1,09,97,639	73,09,998	1,24,40,188	13,97,93,304
PGCIL(SR)	3.976	4,84,074	6,90,379	74,067	87,117	57,906	76,690	14,70,232
PUGALUR HVDC(SR)	2.922	1,55,576	5,07,366	54,433	64,023	42,555	31,861	8,55,813
THRISSUR HVDC(SR)	1.131	63,450	1,96,383	21,069	24,781	16,472	20,393	3,42,547
Goa(SR)	89.589	73,287	1,55,55,920	16,68,915	19,62,954	13,04,752	0	2,05,65,829
Sembcorp Energy India Ltd Project-II (SGPL)	490.000	2,75,04,702	8,50,81,841	91,27,994	1,07,36,218	71,36,234	0	13,95,86,989
Sembcorp Energy India Ltd Project-I (TPCIL/SEIL)	55.000	28,18,185	95,50,003	10,24,571	12,05,086	8,01,006	0	1,53,98,849
South Western Railways	10.000	8,19,424	17,36,364	1,86,286	2,19,106	1,45,637	1,97,301	33,04,119
SAIL, Salem	13.650	7,26,769	23,70,137	2,54,280	2,99,080	1,98,795	1,48,835	39,97,896
<b>Total(SR)</b>								<b>7,02,55,84,255</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>8,13,699</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>26,22,986</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>1,09,851</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>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 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	69,386
GRT Jewellers (India) Pvt Ltd	Tamil Nadu	-	150	150	150 MW: 23.03.2022	0	7,81,030

### 3 . Details of Regional Transmission Deviation Charges

Entity	Transmission Deviation Charges Payable (Rs)
Andhra Pradesh	10,06,62,011
Karnataka	0
Kerala	5,676
Tamil Nadu	64,502
Telangana	3,22,589
Puducherry	0
PGCIL(SR)	0
PUGALUR HVDC(SR)	12
THRISSUR HVDC(SR)	0
Goa(SR)	3,37,624
NTPC,RSTPS 1& 2	0
NTPC, RSTPS 3	17,46,072
NTPC, TALCHER 2	27,74,869
NTPC, SIMHADRI 2	0
NTPC, SIMHADRI 1	25,327
NTPC, KUDGI STAGE 1	33,129
NTECL, VALLUR	187
NLC TS II Stage 1	38,591
NLC TS II Stage 2	1,36,457
NLC Stage 1 EXPN	5,35,146
NLC Stage 2 EXPN	4,83,422
NTPL	1,365
NNTPP	18,98,816
NPCIL,KGS 1 & 2	0
NPCIL, KGS 3 & 4	1,07,66,288
NPCIL, MAPS	20,14,979
NPCIL, KKNPP UNIT 1	0
NPCIL, KKNPP UNIT 2	92,24,656
<b>Seller</b>	
LKPPL STAGE 2	2,73,869
LKPPL STAGE 3	0
MEPL	2,54,326
SEL	2,82,098
SEIL/ TPCIL	0
COASTAL ENERGEN	8,52,120
IL&FS	4,20,125
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	143.51	0	701428.55	100662011
Karnataka	120.46	0	0	0
Kerala	110.42	0	51.4	5676
Tamil Nadu	106.78	0	604.06	64502
Telangana	103.19	0	3126.17	322589
Puducherry	101.54	0	0	0
PGCIL(SR)	-	0	0	0
PUGAUR HVDC(SR)	106.78	0	0.11	12
THRISSUR HVDC(SR)	110.42	0	0	0
Goa(SR)	83.69	0	4034.22	337624
<b>Inter State Generating Stations</b>				
RSTPS 1& 2	103.19	0	0	0
RSTPS 3	103.19	16.03	16904.91	1746072
TALCHER 2	143.51	19335.72	0	2774869
SIMHADRI 2	143.51	0	0	0
SIMHADRI 1	143.51	176.48	0	25327
KUDGI STAGE 1	120.46	275.02	0	33129
NTECL	106.78	1.75	0	187
NLC TS II STAGE 1	106.78	361.41	0	38591
NLC TS II STAGE 2	106.78	1277.93	0	136457
NLC 1 EXPN	106.78	5011.67	0	535146
NLC 2 EXPN	106.78	0	4527.27	483422
NTPL	106.78	12.78	0	1365
NNTPP	106.78	16184.59	1597.92	1898816
MAPS	106.78	0	18870.38	2014979
KGS 1&2	120.46	0	0	0
KGS 3&4	120.46	89376.46	0	10766288
KKNPP UNIT 1	106.78	0	0	0
KKNPP UNIT 2	106.78	86389.36	0	9224656
<b>SELLER</b>				
COASTAL ENERGEN	106.78	0.8	7979.35	852120
MEPL	143.51	0	1772.18	254326
SEPL	143.51	0	1965.7	282098
SEIL/ TPCIL	143.51	0	0	0

DIC	Rate Rs/MW	Excess Injection (MW)	Excess Withdrawal (MW)	Charges For Excess Injection/Withdrawal (Rs)
LKPPL2	143.51	0	1908.36	273869
LKPPL3	143.51	0	0	0
IL&FS	106.78	1.69	3932.8	420125
SEIL Project 2 /SGPL	143.51	0	0	0
<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 August, 2022**

**No: TC/07/2022**

**Date: 25.07.2022**

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 **90<sup>th</sup> time block (22:15 Hrs to 22:30 Hrs) on 28<sup>th</sup> June, 2022** as a peak block for the billing period of June'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 18.07.2022 with last date of submission of comments as 19.07.2022. 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 15.07.2022 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.07.2022.
6. WRPC vide email dated 08.07.2022 has furnished details of share allocation from central sector generating stations for billing period June, 2022. Subsequently, WRPC vide email dated 18.07.2022 has furnished revised details of share allocation from central sector generating stations for billing period June, 2022 after incorporating the relinquishment of share allocation by MPPMCL from NTPC Kawas GPS and NTPC Gandhar GPS.
7. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.



8. Accordingly, the transmission charges are hereby notified for the billing month of August'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 August'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of August'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 June'22 is given at **Annexure-VIII**.



(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 30.06.2022. Adani Transmission Limited and Torrent Power Grid Limited have submitted YTC on 01.07.2022. Chhattisgarh State Power Transmission Company Ltd. has submitted YTC on 04.07.2022. Khargone Transmission Limited and Goa Tamarn Transmission Project Limited have submitted YTC on 06.07.2022. Darbhanga-Motihari Transmission Co. Ltd. and NRSS XXXI (B) Transmission Ltd. have submitted YTC on 11.07.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 15.07.2022. Power Transmission Corporation Of Uttarakhand Ltd. has submitted YTC on 18.07.2022. 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 June'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	Parbati Koldam Transmission Company Limited
16	Bhopal Dhule Transmission Company Ltd.
17	East North Interconnection Company Limited
18	Gurgaon Palwal Transmission Limited

Sl. No.	Name of ISTS Licensee
19	Jabalpur Transmission Company Limited
20	Maheshwaram Transmission Limited
21	Khargone Transmission Company Ltd.
22	Goa Tamnar Transmission Projects Limited
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	Torrent Power Grid Limited
30	Darbhangha-Motihari Transmission Company Limited
31	NRSS XXXI (B) Transmission Limited
32	Kohima Mariani Transmission Limited
33	Raichur Sholapur Transmission Company Private Limited
34	Damodar Valley Corporation
35	Powerlinks Transmission Limited
36	Warora-Kurnool Transmission Limited
37	Powergrid Vizag Transmission Limited
38	Powergrid NM Transmission Limited
39	Powergrid Unchahar Transmission Limited
40	Powergrid Parli Transmission Limited
41	Powergrid Kala Amb Transmission Limited
42	Powergrid Southern Interconnector Transmission System Limited
43	Powergrid Jabalpur Transmission Limited
44	Powergrid Warora Transmission Limited
45	Powergrid Medinipur Jeerat Transmission Limited
46	Powergrid Mithilanchal Transmission Limited
47	Powergrid Ajmer Phagi Transmission Limited

Sl. No.	Name of ISTS Licensee
48	Powergrid Varanasi Transmissoin System Limited
49	Powergrid Fatehgarh Transmission Limited
50	Powergrid Khetri Transmission System Ltd.
51	North East Transmission Company Limited
52	Madhya Pradesh Power Transmision Co. Ltd.
53	Power Transmission Corporation Of Uttarakhand Ltd
54	Chhattisgarh State Power Transmission Company Ltd
55	Haryana Vidyut Prasaran Nigam Limited

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 07.07.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 18.07.2022. CTU has submitted data in formats II-C, II-D, II (G2) to II (G5) on 15.07.2022 and submitted data in formats II (G1) and II (F) on 20.07.2022. Furthermore, CTU submitted formats II (A), II (B), II (E) and revised format II-C on 22.07.2022.

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 07.07.2022 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	Himachal Pradesh	Meghalaya		
4	Maharashtra	Kerala	Rajasthan	Mizoram		
5	Goa	Tamil Nadu	Punjab	Nagaland		
6	D&D	Vallur(NTECL)	BBMB	Tripura		
7	DNH	Sprng Agnitra	ReNew Solar Power Private Limited	Palatana GBPP (OTPC)		
8	Hazira	Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6)				

9	ACBIL	Fortum Solar India Private Limited. (Pavagada Solar Park)				
10	Spectrum Power	PVG Renew-TN2				
11	Maruti Coal Power	PVG ADYAH				
12	BALCO	PVG AMPLUS Tumkur and PVG AMPLUS Pavagada				
13	CGPL	PVG Azure Earth				
14	DB Power Ltd.	Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park)				
15	DGEN	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)				
16	Dhariwal	PVG Parampujya				
17	GMR Warora					
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					
50	Powerica					

**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 flows on HVDC Bhadravati, HVDC Raigarh-Pugalur and HVDC Sasaram have been adjusted to avoid loop flows in the network.
- 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 June'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 May'22. For the ISTS licensees who have not submitted YTC data for June'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 June'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 June'22.
- 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:

- 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**

- 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.
- 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 of August,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	4641	430344074	805806415	86450832	101682256	233652415	53749097		1711685090
2	UP	NR	9585	1019915596	1664254747	178549346	210007236	482568932	136787900	3552986	3695636743
3	Punjab	NR	4527	539688128	786137356	84340640	99200278	227949155	101422382	905425	1839643365
4	Haryana	NR	3831	677542939	665166930	71362344	83935388	192872452	179719239		1870599292
5	Chandigarh	NR	352	14532765	61162246	6561783	7717878	17734665	3021680		110731016
6	Rajasthan	NR	4214	473330037	731694192	78499713	92330261	212162763	92176428	2576384	1682769777
7	HP	NR	1683	23992749	292267104	31355837	36880295	84746055	23981909	49828128	543052078
8	J&K	NR	2316	44657249	402085438	43137682	50737936	116589086	53617236		710824628
9	Uttarakhand	NR	1343	147981769	233132929	25011635	29418334	67599452	29258501	2539808	534942427
10	GMR Kamalanga	NR	75	1635198	13022731	1397142	1643299	3776084			21474453
11	WBSEDCL_Inj	NR	600	0	104181846	11177135	13146390	30208670			158714041
12	MB Power	NR	175	30627770	30386372	3259998	3834364	8810862			76919365
13	Jorthang	NR	86.4	10184542	15002186	1609507	1893080	4350048			33039364
14	Tashiding	NR	87.3	11812064	15158459	1626273	1912800	4395361			34904957
15	Northern Railways	NR							2442120		2442120
16	North Central Railways	NR							2015710		2015710
17	RAPP 7&8, NPCIL	NR								32328575	32328575
18	Adani Renewable Energy Park Rajasthan Limited	NR								3328828	3328828
19	ACME Solar Holdings Pvt. Ltd	NR								1891695	1891695
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4417738	4417738
21	Gujarat	WR	8975	628323779	1558352392	167187626	196643740	120473613	52265648	12144322	2735391121
22	Madhya Pradesh	WR	7318	432680030	1270587755	136314836	160331598	98227011	119305629	1195808	2218642667
23	Maharashtra	WR	7447	736415132	1293015889	138721035	163161735	99960893	77338895		2508613578
24	Chhattisgarh	WR	2513	81621557	436379911	46816960	55065451	33735800	22287917		675907595
25	Goa	WR	513	45525857	89142738	9563667	11248651	6891476	10250676	1214301	173837365
26	DNHDDPDCL	WR	1481	130462684	257122604	27585364	32445518	19877718	26289736		493783624

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		
27	Jindal Power Limited	WR	125	62127951	21704551	2328570	2738831	1677943			90577846
28	ACB Ltd	WR	51	5219219	8768639	940742	1106488	677889			16712977
29	Torrent Power	WR	200	363686	34727282	3725712	4382130	2684708			45883518
30	Sembcorp Energy India Ltd Project-I	WR	115	5892568	19968187	2142284	2519725	1543707			32066471
31	DB Power	WR	186	39167458	32296372	3464912	4075381	2496778			81500901
32	TRN Energy Pvt. Ltd.	WR	3	205749	520909	55886	65732	40271			888546
33	CSPTCL	WR	261	0	45319103	4862054	5718680	3503544			59403380
34	WBSEDCL_Inj	WR	400	0	69454564	7451424	8764260	5369416			91039663
35	GMR Warora Energy Ltd, Maharashtra	WR	45	2646822	7742448	830647	976996	598556			12795468
36	MB Power	WR								11457115	11457115
37	Adani Power Limited	WR								276398778	276398778
38	Essar Steel	WR							8521798		8521798
39	Powerica Ltd.	WR								18303435	18303435
40	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								60588063	60588063
41	Andhra Pradesh	SR	1712	249669871	297205985	31885704	37503518	24928134	32556982		673750194
42	Telangana	SR	3891	177631240	675661637	72488267	85259683	56671080	33653899		1101365806
43	Tamil Nadu	SR	8405	447515873	1459438299	156575641	184162072	122410301	91647052		2461749239
44	Kerala	SR	2788	156389346	484039084	51930068	61079417	40598750	50263809		844300474
45	Karnataka	SR	4930	404011585	856102678	91846860	108028989	71805562	97277898	3436685	1632510256
46	Pondicherry	SR	502	12541687	87153537	9350255	10997639	7309998	12440188		139793304
47	Goa-SR	SR	90	73287	15555920	1668915	1962954	1304752			20565829
48	Sembcorp Energy India Ltd Project-I	SR	55	2818185	9550003	1024571	1205086	801006		109851	15508700
49	Sembcorp Energy India Ltd Project-II	SR	490	27504702	85081841	9127994	10736218	7136234		6781317	146368305
50	BHAVINI	SR								19808877	19808877
51	Betam	SR								468165	468165
52	AP Solar Power Corporation Pvt Ltd (APSCL)	SR								1235294	1235294

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		
53	West Bengal	ER	2409	222982113	418337725	44881306	52788763	63372367	46773808		849136083
54	Odisha	ER	1766	122757378	306622671	32895972	38691781	46449085	68735664		616152550
55	Bihar	ER	6003	204242742	1042280290	111820900	131522174	157891017	170512555		1818269679
56	Jharkhand	ER	708	35010100	122992427	13195226	15520040	18631648	49418656	9550731	264318828
57	Sikkim	ER	97	137315	16818626	1804384	2122291	2547789	2602059		26032464
58	DVC	ER	640	38298487	111207896	11930924	14032986	16846455	9082263		201399010
59	Bangladesh	ER	782	11822902	135859071	14575622	17143642	20580766			199982004
60	Arunachal Pradesh	NER	288	2691911	49965635	5360556	6305011	8703640	13509413		86536166
61	Assam	NER	1628	127482935	282720475	30331628	35675635	49247794	22293457	983287	548735211
62	Manipur	NER	218	3645526	37926158	4068903	4785786	6606453	3870933		60903760
63	Meghalaya	NER	256	10844535	44430422	4766712	5606540	7739447	379788		73767443
64	Mizoram	NER	137	3732557	23776122	2550818	3000236	4141623	1482821		38684177
65	Nagaland	NER	194	6615755	33729134	3618626	4256177	5875363	23390901		77485955
66	Tripura	NER	302	4057296	52492237	5631623	6623836	9143756	22932896		100881642
TOTAL			101439.04	7869374700	17613510166	1889663058	2222595184	2835918342	1747277544	525045597	34703384591

**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*

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	69386	
2	Ostro Kutch Wind Private Ltd	Gujarat		300	46.2	11 MW: 13.11.2021; 11MW: 04.12.2021, 13.2MW: 30.03.2022 11MW: 10.05.2022	50MW: 14.04.19	3.8	115304	
3	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	2120993	
4	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1517163	
5	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	9090978	
6	GRT Jewellers (India) Pvt Ltd	Tamil Nadu		150	50	50MW: 30.03.2022 50MW: 13.04.2022 50 MW: 17.06.2022	150 MW: 23.03.2022	0	781030	Charges computed for 16 days corresponding to 50 MW
7	NTPC LTD. (Auraya Floating Solar)	Uttar Pradesh		20			20 MW: 11.04.2022	20	770411	
8	NTPC Kawas (Solar)	Gujarat		39.50	14.11	14.11MW: 14.05.22	14.11MW: 27.05.2022 10.58MW: 31.05.2022 14.81MW: 24.06.2022	10.58	425888	Charges computed for 23 days corresponding to 10.58 MW and for 07 days corresponding to 25.39 MW
9	NTPC Kawas (Solar)	Gujarat		16.50		5.89MW: 14.05.22	5.89MW: 27.05.2022 4.42MW: 31.05.2022 6.19MW: 24.06.2022	4.42	177943	Charges computed for 23 days corresponding to 4.42 MW and for 07 days corresponding to 10.61 MW
10	NTPC Gandhar (Solar)	Gujarat		14.11		-	14.11MW: 09.05.2022	14.11	428143	
11	NTPC Gandhar (Solar)	Gujarat		5.89		-	5.89MW: 09.05.2022	5.89	178722	

## Annexure-IV

**Transmission Charges for Short Term Open Access (STOA)**

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	51.23
2	UP	NR	53.50
3	Punjab	NR	56.41
4	Haryana	NR	67.82
5	Chandigarh	NR	43.66
6	Rajasthan	NR	55.38
7	HP	NR	40.70
8	J&K	NR	42.63
9	Uttarakhand	NR	55.07
10	Gujarat	WR	42.14
11	Madhya Pradesh	WR	42.09
12	Maharashtra	WR	46.79
13	Chhattisgarh	WR	37.35
14	Goa	WR	46.70
15	Daman and Diu and Dadra and Nagar Haveli	WR	46.31
16	Andhra Pradesh	SR	54.67
17	Telangana	SR	39.31
18	Tamil Nadu	SR	40.68
19	Kerala	SR	42.07
20	Karnataka	SR	45.89
21	Pondicherry	SR	38.68
22	Goa-SR	SR	31.88
23	West Bengal	ER	48.95
24	Odisha	ER	48.46
25	Bihar	ER	42.07
26	Jharkhand	ER	49.95
27	Sikkim	ER	37.33
28	DVC	ER	43.67
29	Bangladesh	ER	35.50
30	Arunachal Pradesh	NER	41.77
31	Assam	NER	46.72
32	Manipur	NER	38.73
33	Meghalaya	NER	40.04
34	Mizoram	NER	39.24
35	Nagaland	NER	55.40
36	Tripura	NER	46.35

**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	9153.03	
2	Delhi	NR	4625.77	
3	Haryana	NR	3772.51	
4	Uttarakhand	NR	1342.65	
5	Punjab	NR	4492.49	
6	Rajasthan	NR	4202.99	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	2315.67	
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	8961.92	
28	Madhya Pradesh	WR	7107.83	
29	Chhattisgarh	WR	2508.12	
30	Maharashtra	WR	7314.50	
31	GOA	WR	513.39	
32	D&D and DNH	WR	1480.81	
33	HVDC Bhadrawathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh
39	Railways_MP	WR	209.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	ACB Ltd.	WR	50.50	
42	JINDAL	WR	125.00	
43	Torrent Power	WR	200.00	
44	DB Power	WR	186.00	
45	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
46	CSPTCL	WR	261.00	
47	TRN Energy Pvt. Ltd.	WR	3.00	
48	Sembcorp Energy India Ltd	WR	115.00	
49	WBSEDCL	WR	400.00	
50	BIHAR	ER	5901.75	

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*
51	JHARKHAND	ER	708.33	
52	DVC	ER	330.46	
53	ORISSA	ER	1765.89	
54	WEST BENGAL	ER	2407.87	
55	SIKKIM	ER	96.86	
56	Bangladesh	ER	782.43	
57	TATA Steel Ltd.	ER	200.00	DVC
58	Railways Bihar	ER	100.00	Bihar
59	Railways_DVC	ER	110.00	DVC
60	HVDC Alipurduar	ER	1.41	West Bengal
61	POWERGRID PUSAULI	ER	0.91	Bihar
62	Andhra Pradesh	SR	1709.18	
63	Karnataka	SR	4918.93	
64	KSEB	SR	2786.53	
65	Tamil Nadu	SR	8388.57	
66	Telangana	SR	3891.24	
67	Puducherry	SR	501.93	
68	Goa	SR	89.59	
69	SAIL, Salem	SR	13.65	Tamil Nadu
70	Railways_Karnataka	SR	10.00	Karnataka
71	PG-HVDCGazuwaka	SR	0.98	Andhra Pradesh
72	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
73	PG-HVDC Kolar	SR	1.50	Karnataka
74	PG-HVDC Pugalur	SR	2.92	Tamil Nadu
75	PG-HVDC Thrissur	SR	1.13	Kerala
76	Sembcorp Energy India Ltd Project-I	SR	55.00	
77	Sembcorp Energy India Ltd Project-II	SR	490.00	
78	Arunachal Pradesh	NER	287.76	
79	Assam	NER	1621.87	
80	Manipur	NER	218.42	
81	Meghalaya	NER	255.88	
82	Mizoram	NER	136.93	
83	Nagaland	NER	194.25	
84	Tripura	NER	302.31	
85	PG-HVDC BNC	NER	1.37	Assam
86	Railway_Assam	NER	5.00	Assam

**TOTAL****101439.037**

**\*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 June'22**

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for June'22 (₹ Cr)	Equivalent MTC to be considered for June'22 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	33094.60	33094.60	2720.10	As per data furnished by ISTS Licensee for June'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 June'22
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	13.56	As per data furnished by ISTS Licensee for June'22
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.06	As per data furnished by ISTS Licensee for June'22
5	Sipat Transmission Limited.	94.92	94.92	7.80	As per data furnished by ISTS Licensee for June'22
6	Western Transmission Gujarat Limited	53.00	53.00	4.36	As per data furnished by ISTS Licensee for June'22
7	Western Transco Power Limited	97.41	97.41	8.01	As per data furnished by ISTS Licensee for June'22
8	Alipurduar Transmission Limited	153.02	153.02	12.58	As per data furnished by ISTS Licensee for June'22
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	3.95	As per data furnished by ISTS Licensee for June'22
10	North Karanpura Transco Limited	23.64	23.64	1.94	As per data furnished by ISTS Licensee for June'22
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.60	As per data furnished by ISTS Licensee for June'22
12	Jam Khambaliya Transco Limited	40.36	40.36	3.32	As per data furnished by ISTS Licensee for June'22
13	Aravali Power Company Private Limited	10.42	10.42	0.86	Data not furnished for June'22. Considered the same as in the earlier billing period.
14	Essar Power Transmission Company Limited	405.68	405.68	33.34	As per data furnished by ISTS Licensee for June'22
15	Jindal Power Limited	19.12	19.12	1.57	As per data furnished by ISTS Licensee for June'22
16	Kudgi Transmission Limited	196.29	196.29	16.13	Data not furnished for June'22. Considered the same as in the earlier billing period.
17	Parbati Koldam Transmission Company Limited	171.37	171.37	14.09	As per data furnished by ISTS Licensee for June'22
18	Bhopal Dhule Transmission Company Ltd.	260.23	260.23	21.39	As per data furnished by ISTS Licensee for June'22
19	East North Interconnection Company Limited	144.30	144.30	11.86	As per data furnished by ISTS Licensee for June'22
20	Gurgaon Palwal Transmission Limited	140.88	140.88	11.58	As per data furnished by ISTS Licensee for June'22
21	Jabalpur Transmission Company Limited	146.88	146.88	12.07	As per data furnished by ISTS Licensee for June'22
22	Maheshwaram Transmission Limited	55.97	55.97	4.60	As per data furnished by ISTS Licensee for June'22
23	Khargone Transmission Company Ltd.	182.08	182.08	14.97	As per data furnished by ISTS Licensee for June'22
24	Goa Tamnar Transmission Projects Limited	42.62	42.62	0.47	As per data furnished by ISTS Licensee for June'22. Asset commissioned on 27.06.2022, so YTC is taken for 4 days.
25	NRSS-XXIX Transmission Limited	501.80	501.80	41.24	As per data furnished by ISTS Licensee for June'22
26	Odisha Generation Phase-II Transmission Limited	154.18	154.18	12.67	As per data furnished by ISTS Licensee for June'22
27	Patran Transmission Company Limited	30.71	30.71	2.52	As per data furnished by ISTS Licensee for June'22
28	Purulia & Kharagpur Transmission Company Limited	72.40	72.40	5.95	As per data furnished by ISTS Licensee for June'22
29	Rapp Transmission Company Limited	44.01	44.01	3.62	As per data furnished by ISTS Licensee for June'22
30	NER-II Transmission Limited	412.53	412.53	33.91	As per data furnished by ISTS Licensee for June'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for June'22 (₹ Cr)	Equivalent MTC to be considered for June'22 (₹ Cr)	Remarks
31	Teestavalley Power Transmission Limited	257.15	257.15	21.14	Data not furnished for June'22. Considered the same as in the earlier billing period.
32	Torrent Power Grid Limited	39.40	39.40	3.24	As per data furnished by ISTS Licensee for June'22
33	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.07	As per data furnished by ISTS Licensee for June'22
34	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.06	As per data furnished by ISTS Licensee for June'22
35	Jaypee Powergrid Limited	138.41	138.41	11.38	Data not furnished for June'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 June'22
37	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.89	As per data furnished by ISTS Licensee for June'22
38	Damodar Valley Corporation	109.09	109.09	8.97	As per data furnished by ISTS Licensee for June'22
39	Powerlinks Transmission Limited	137.17	137.17	11.27	As per data furnished by ISTS Licensee for June'22
40	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for June'22. Considered the same as in the earlier billing period.
41	Warora-Kurnool Transmission Limited	6.21	6.21	0.51	As per data furnished by ISTS Licensee for June'22
42	Powergrid Vizag Transmission Limited	234.43	234.43	19.27	As per data furnished by ISTS Licensee for June'22
43	Powergrid NM Transmission Limited	111.38	111.38	9.15	As per data furnished by ISTS Licensee for June'22
44	Powergrid Unchahar Transmission Limited	19.76	19.76	1.62	As per data furnished by ISTS Licensee for June'22
45	Powergrid Parli Transmission Limited	326.22	326.22	26.81	As per data furnished by ISTS Licensee for June'22
46	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.64	As per data furnished by ISTS Licensee for June'22. Bilateral payment of HPSEB is also included in the claimed YTC
47	Powergrid Southern Interconnector Transmission System Limited	462.10	462.10	37.98	As per data furnished by ISTS Licensee for June'22
48	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.08	As per data furnished by ISTS Licensee for June'22
49	Powergrid Warora Transmission Limited	364.20	364.20	29.93	As per data furnished by ISTS Licensee for June'22
50	Powergrid Medinipur Jeerat Transmission Limited	555.23	555.23	45.64	As per data furnished by ISTS Licensee for June'22
51	Powergrid Mithilanchal Transmission Limited	170.00	170.00	13.97	As per data furnished by ISTS Licensee for June'22
52	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.23	As per data furnished by ISTS Licensee for June'22
53	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.61	As per data furnished by ISTS Licensee for June'22
54	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.13	As per data furnished by ISTS Licensee for June'22
55	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.41	As per data furnished by ISTS Licensee for June'22
56	North East Transmission Company Limited	260.21	260.21	21.39	As per data furnished by ISTS Licensee for June'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for June'22 (₹ Cr)	Equivalent MTC to be considered for June'22 (₹ Cr)	Remarks
57	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	439.71	44.86	3.69	Data not furnished for June'22. Considered the same as in the earlier billing period.
58	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	1.03	As per data furnished by ISTS Licensee for June'22
59	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for June'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 June'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.
61	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.57	Data furnished by ISTS Licensee for June'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 June'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 June'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 June'22
65	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.21	Data not furnished for June'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 June'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 June'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 June'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 June'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 June'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 June'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	0.34	0.34	0.03	As per data furnished by ISTS Licensee for June'22
73	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for June'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 June'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 June'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 June'22 from the claimed assets of ISTS licensees (₹ Crores)

**3470.34**

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

Sl.No.	Name of the Asset	Transmission Licensee	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	Powergrid	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;	Powergrid					
3	220 kV, 2 nos. Line bays at Hamirpur Sub-station	Powergrid	Himachal Pradesh Power Transmission Corporation Limited (HPPTCL)	NR	1271836	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
4	02 Nos. 220 KV Line Bays (HPSEB Future Bays)	Powergrid	Himachal Pradesh State Electricity Board (HPSEB)	NR	48556292	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2021
5	GIS substation 7X105 MVA (1-ph), 400/220 kV at Kala Amb (Himachal Pradesh) and LILO of Karcham Wangtoo - Abdullapur 400 kV D/C	Powergrid					As per Regulation 13(12) of Sharing Regulations 2022
6	220kV, 2 Nos. Line bays at Jalandhar Substation	Powergrid	Punjab State Transmission Corporation Limited (PSTCL)	NR	905425	Punjab	As per Regulation 13(12) of Sharing Regulations 2020
7	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Powergrid	Rajasthan DISCOMs	NR	1464658	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2021
8	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Powergrid	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL)	NR	1111726	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2022
9	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)	Powergrid	RAPP 7&8, NPCIL	NR	32328575		As per Regulation 13(3) of Sharing Regulations 2020
10	One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation	Powergrid	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	3552986	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
11	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation						
12	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station						
13	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Powergrid	Betam	SR	468165		As per Regulation 13(3) of Sharing Regulations 2020
14	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	Powergrid	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	19808877		As per Regulation 13(3) of Sharing Regulations 2020
15	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Powergrid	Karnataka DISCOMs	SR	813699	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
16	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Powergrid	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	2622986	Karnataka	As per Regulation 13(12) of Sharing Regulations 2021
17	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-I	SR	109851		As per Regulation 13(9) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
18	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	276398778		--
19	2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa- (Colvale) (Powergrid)-Tuem 220 kV D/C line)	Powergrid	Goa Electricity Department (GED), Goa	WR	1214301	Goa	As per Regulation 13(12) of Sharing Regulations 2020
20	Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation	Powergrid	Gujarat Urja Vikas Nigam Limited (GUVNL)	WR	940685	Gujarat	As per Regulation 13(12) of Sharing Regulations 2021
21	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 Kv line bays at Banaskanta (PG) under Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR	11203637	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
22	Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS-Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR		Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
23	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	Powergrid	MB Power	WR	11457115		As per Regulation 13(9) of Sharing Regulations 2020
24	1 no. 220 kV line bays at 400/220 kV Indore substation	Powergrid	Madhya Pradesh Power Transmission Corporation Limited (MPPTCL)	WR	1195808	Madhya Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
25	1 no. 220 kV line bay at 400/220 kV Indore substation			WR			
26	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	Powergrid	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1235294		As per Regulation 13(3) of Sharing Regulations 2020
27	LILo of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL)	NER-II Transmission Ltd	Assam Electricity Grid Corporation Limited (AEGCL)	NER	983287.10	Assam	As per Regulation 13(12) of Sharing Regulations 2020
28	04 Nos. 220 kV bays at Dehradun Sub-station	Powergrid	Power Transmission Corporation Of Uttarakhand Limited	NR	2539808.22	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020
29	YTC of NCC Power projects Ltd. - Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	6781316.51		As per Regulation 13(9) of Sharing Regulations 2020
30	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	Powergrid	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	8744922.95	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
31	Establishment of 4x500MVA, 400/220kV Jam Khambhaliya PS (GIS)	Jam Khambhaliya Transco Limited	Powerica Ltd.	WR	18303435.29		As per Regulation 13(12) of Sharing Regulations 2020
32	1x125MVAR, 420kV Bus reactor at Jam Khabhaliya PS along with reactor bay			WR			As per Regulation 13(12) of Sharing Regulations 2020
33	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
34	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
35	63MVAR 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
36	Mahan Bilaspur Line	Essar Power Transmission Company Ltd.	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	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
37	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	2067193.67		As per Regulation 13(3) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
38	Establishment of 400 kV Pooling Station at Fatehgarh	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	1261634.67		As per Regulation 13(3) of Sharing Regulations 2020
39	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		ACME Solar Holdings Pvt. Ltd	NR	1891695.33		As per Regulation 13(3) of Sharing Regulations 2020
40	2 Nos. 400 kV line bays at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
41	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay			NR			As per Regulation 13(3) of Sharing Regulations 2020
42	Space for future 220kV (12 Nos) Line Bays			NR			As per Regulation 13(3) of Sharing Regulations 2020
43	Space for future 400kV (8 Nos) Line Bays alongwith line reactors at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
44	Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.			NR			As per Regulation 13(3) of Sharing Regulations 2020
45	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.			NR			As per Regulation 13(3) of Sharing Regulations 2020
46	400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation;	Powergrid	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR	4417737.90		As per Regulation 13(3) of Sharing Regulations 2020
47	500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation,			NR			As per Regulation 13(3) of Sharing Regulations 2020
48	500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation			NR			As per Regulation 13(3) of Sharing Regulations 2020
TOTAL					525045597		

**Annexure-VIII****Commercial data related to LTA details of exempted Renewable Energy (RE) based generation (Cumulative till Jun'22) as provided by CTU**

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 operationalization	Exempted quantum in MW (as on Jun'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 Aug'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	296.2	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 Aug'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 (NBPCL & SBPDCL)	300 MW: 04.11.19	300	No billing for Aug'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 Aug'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 Aug'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 Aug'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 Aug'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).		

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 operationalization	Exempted quantum in MW (as on Jun'22)	Remarks	PS	SPD/SPV/Subsidiary
			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 Aug'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 Aug'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 Aug'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 Aug'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 Aug'22 billing month.	Bhadla	Claen Solar Power (Bhadla) Pvt. Ltd. : 300MW SB Energy Four Pvt. Ltd.: 200MW
19	Adani Reneable 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 Aug'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 Aug'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 Aug'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 Aug'22 billing month. Included in Format II G(2).		



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 operationization	Exempted quantum in MW (as on Jun'22)	Remarks	PS	SPD/SPV/Subsidiary
24	Avikiran Solar India Private Ltd.. (ASIPL)	WR	285	285	MSEDCL-100MW MPPMCL-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 NBPCL-207MW SBPDCL-243MW	01.06.2021	300	Included in Format II G (1).	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	GUUVNL:600MW WR TARGET:100MW	12.08.2021	485	Included in Format II G (1)		
29	Azure Power India Pvt. Ltd.	NR	130	130	MSEDCL	01.09.2021	130	No Billing for Aug'22 billing month	Bhadla	Azure Power Thirty Four Pvt. Ltd.
30	Tata Power Renewable Energy	NR	150	150	MSEDCL	01.09.2021	150	No Billing for Aug'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	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 NBPCL: 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	300	TPDDL-200MW BYPL-100MW	20.11.2021	150	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	300	HPPC-100MW JBVNL-200MW	100MW: 25.09.2021 200MW: 20.11.2021	300	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 Aug'22 billing month.	Bikaner	Azure Power Forty Three Pvt. Ltd.

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 operationalization	Exempted quantum in MW (as on Jun'22)	Remarks	PS	SPD/SPV/Subsidiary
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, TANGEDCO-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	150.0	Additional 50MW 50MW COD w.e.f. 25.02.2022, 50MW: 17.03.2022; 50MW: 08.04.2022. No Billing for Aug'22 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDCL-41.23MW, TANGEDCO-160MW	40MW:08.02.2022	40.0	40MW COD w.e.f. 08.02.2022	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
45	Avaada Energy Pvt. Ltd. (MTOA)	NR	240.0	240.0	UHBVNL & DHBVNL, Haryana	240 MW: 01.02.2022	240.00	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; 88.65MW:11.05.2022	Bikaner	Avaada RJHN Pvt. Ltd.
46	Masaya Solar Energy Private Ltd	WR	300.0	300.0	TSSPDCL: 91.715MW TSNPDCL: 38.285MW TANGEDCO: 170MW	300MW: 25.03.2022	0.00	Included in Format II G (3)	Khandwa (PG)	
47	GRT Jewellers (India) Pvt Ltd	SR	150	150	SBPDCL: 81 MW NBPDC: 69 MW	150 MW: 23.03.2022	150	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) 50 MW: 17.06.2022 (COD). Included in Format II G (3)		
48	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL: 300MW	02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Raisar Solar Energy Pvt Ltd
49	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL:100MW BYPL:100MW TPDDL:100MW	02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Phalodi Solar Energy Pvt Ltd
50	ACME Solar Holdings Pvt. Ltd.	NR	300	300	HPPC (NR)	02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Deoghar Solar Energy Pvt Ltd
51	ACME Solar Holdings Pvt. Ltd.	NR	200 out of 300	300	HPPC: 100MW NBPDC: 69MW SBPDCL: 81MW Puduchery: 50MW	02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Dhaulpur Solar Energy Pvt Ltd
52	Avaada Energy Pvt. Ltd.	NR	160 out of 300	-	TSSPDCL-98.77 TSNPDCL-41.23MW, TANGEDCO-160MW	60MW: 13.04.2022 100MW: 23.04.2022	160	10MW COD w.e.f. 08.02.2022, 50MW COD w.e.f. 13.04.2022, 100MW: 11.05.2022. Included in Format II G (3)	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
53	NTPC LTD. (Auraiya Floating Solar)	NR	20	20	UPPCL:20MW	11.04.2022	0	Included in Format II G (3)	Auraiya GPS	NTPC Ltd.

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 operationlization	Exempted quantum in MW (as on Jun'22)	Remarks	PS	SPD/SPV/Subsidiary
54	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	WR	39.5	39.5	TSSPDCL	14.11MW: 27.05.2022 10.58MW: 31.05.2022 14.81MW: 24.06.2022	14.11	COD of 14.11 MW; 14.05.22; Included in Format II G (3)	56MW Solar Power Plant within the premises of NTPC Kawas, Gujarat	
55	Northern Power Distribution Company of Telangana Limited (TSNPDCL)	WR	16.5	16.5	TSNPDCL	5.89MW:27.05.2022 4.42MW:31.05.2022 6.19MW:24.06.2022	5.89	COD of 5.89MW; 14.05.2022; Included in Format II G (3)	56MW Solar Power Plant within the premises of NTPC Kawas, Gujarat	
56	POWERICA Ltd.	WR	50.6	50.6	UPPCL	24.3MW: 07.05.2022	24.3	Bilateral billing onbehalf of Jamkhamabliya Transco Limited is being done as per RTA. COD of 24.3MW: 03.06.2022	Jam khambhaliya PS	
57	SBESS Services Projectco Two Pvt Ltd	WR	324.4	324.4	UPPCL	26.05.2022	0	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Indore S/s	
58	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	WR	14.11	14.11	TSSPDCL	09.05.2022	0	Included in Format II G (3)	20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat	
59	Northern Power Distribution Company of Telangana Limited (TSNPDCL)	WR	5.89	5.89	TSNPDCL	09.05.2022	0	Included in Format II G (3)	20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat	
60	ACME Solar Holdings Pvt. Ltd.	NR	100 out of 300	-	HPPC: 100MW NBPDC: 69MW SBPDCL: 81MW Puduchery: 50MW	11.05.2022	0	Included in Format II G (1).	Fatehgarh	ACME Dhaulpur Solar Energy Pvt Ltd
61	Adani Renewable Energy Holding One Ltd.	NR	390	390	HPPC-390MW	11.05.2022	390	50MW:17.08.21; 52.19MW: 12.04.22; 92.81MW:27.05.22; 50MW: 14.08.21; 143.64MW: 27.05.22; 1.36MW: 28.05.22; Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Fatehgarh-II PS	Adani Green Energy Eighteen Ltd.
62	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW	11.05.2022	300.0	150MW: 02.09.2021, 50MW: 27.09.2021, 50MW: 05.10.2021, 50MW: 09.12.2021	Fatehgarh-II PS	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.
63	ReNew Solar Urja Pvt. Ltd.	NR	300.0	300.0	TSSPDCL: 91.715MW TSNPDCL: 38.285MW TANGEDCO: 170MW	11.05.2022	300.0	150MW: 02.12.2021, 50MW: 07.12.2021, 50MW: 13.12.2021, 50MW: 16.12.2021	Fatehgarh-II PS	ReNew Solar Urja Pvt. Ltd.
64	Mahindra Susten Pvt. Ltd.	NR	250.0	250.0	HPPC-250MW	29.06.2022	250.0	175MW: 20.05.2022, 75MW: 17.06.2022. No delay. Hence, no billing.	Bhadla-II PS	Mega Surya Urja Pvt. Ltd.
Total			18491.1	18387.1			14080.9			

Note: List does not include solar projects of NTPC / NVVNL / SECI which were granted LTA long back and are already operational

\*Waiver Documents not submitted to CTU

**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 –  $[LTA^S + MTOA + X]$*** 

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 –  $[LTA^S + MTOA + \{(Y \times Z)/100\}]$*** 

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>S</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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