


**Speed Post/E-Mail**

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)/ 2022/	दिनांक /Date	30 <sup>th</sup> June 2022

**सेवार्मे / To****वितरण सूची के अनुसार  
As per Distribution List****विषय: जुलाई 2022 महीनेका क्षेत्रीयपारेषण लेखा****Subject: Regional Transmission Account & Regional Transmission Deviation Account for the billing month of July 2022 (Billing Period: May 2022)-reg.**

महोदय /Sir,

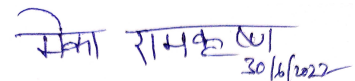
CERC (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020 came into effect from 01.11.2020. As per the Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25<sup>th</sup> day of the month following billing period. Accordingly, Implementing Agency (IA) vide letter dated 25.05.2022 has notified the Transmission Charges payable by DICs for the billing month of July 2022(**Annexure-I**).

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



(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: May 2022**

**Billing Month: July, 2022**

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

## Billing Month: July, 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	1719.595	42,55,70,624	30,85,52,231	2,94,39,503	3,67,19,141	2,54,92,529	3,02,64,312	85,60,38,339
Karnataka (BESCOM)	2,654.826	19,26,06,767	47,63,63,588	4,54,50,675	5,66,89,468	3,93,57,073	4,70,48,180	85,75,15,751
Karnataka (HESCOM)	1091.15	7,91,62,592	19,57,88,430	1,86,80,513	2,32,99,728	1,61,76,004	1,93,37,098	35,24,44,365
Karnataka (GESCOM)	649.987	4,71,56,311	11,66,29,077	1,11,27,782	1,38,79,399	96,35,873	1,15,18,903	20,99,47,345
Karnataka (MESCOM)	349.321	2,53,43,106	6,26,79,693	59,80,378	74,59,173	51,78,585	61,90,577	11,28,31,513
Karnataka (CESCOM)	574.715	4,16,95,356	10,31,22,801	98,39,125	1,22,72,090	85,19,987	1,01,84,952	18,56,34,310
Kerala	2779.983	18,45,24,196	49,88,20,861	4,75,93,362	5,93,61,987	4,12,12,489	5,19,19,304	88,34,32,200
Tamil Nadu	8,170.512	43,87,83,897	1,46,60,60,120	13,98,79,335	17,44,67,928	12,11,25,621	9,10,43,427	2,43,13,60,326
Telangana	4058.508	22,77,54,867	72,82,30,630	6,94,81,745	8,66,62,809	6,01,66,282	3,12,64,142	1,20,35,60,476
Puducherry	513.373	1,16,24,581	9,21,16,125	87,88,959	1,09,62,244	76,10,617	1,28,54,861	14,39,57,387
PGCIL(SR)	3.976	7,21,593	7,13,426	68,069	84,901	58,943	70,160	17,17,091
PUGALUR HVDC(SR)	2.884	1,54,881	5,17,486	49,374	61,583	42,755	32,136	8,58,214
THRISSUR HVDC(SR)	1.069	70,956	1,91,814	18,301	22,827	15,848	19,965	3,39,711
Goa(SR)	90.917	61,336	1,63,13,525	15,56,502	19,41,385	13,47,820	0	2,12,20,568
Sembcorp Energy India Ltd Project-II (SGPL)	490.000	6,11,08,265	8,79,22,203	83,88,810	1,04,63,148	72,64,116	0	17,51,46,544
Sembcorp Energy India Ltd Project-I (TPCIL/SEIL)	55.000	45,55,674	98,68,819	9,41,601	11,74,435	8,15,360	0	1,73,55,889
South Western Railways	10.000	7,25,497	17,94,331	1,71,200	2,13,534	1,48,247	1,77,218	32,30,026
SAIL, Salem	13.650	7,33,051	24,49,261	2,33,688	2,91,473	2,02,358	1,52,101	40,61,932
<b>Total(SR)</b>								<b>7,46,06,51,987</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>8,40,822</b>	As per Regulation 13(12) of Sharing Regulations 2020
Karnataka Power Transmission Corporation Limited (KPTCL)	04 No. 220 KV bays at 400/220kV Yelahanka Substation	<b>27,10,419</b>	As per Regulation 13(12) of Sharing Regulations 2020
Sembcorp Energy India Ltd Project-I (TPCIL/SEIL)	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	<b>1,13,512</b>	As per Regulation 13(9) of Sharing Regulations 2020

DIC	Name of the Assets	Bilateral Charges (Rs.)	Remarks
BHAVINI	Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR -Arani 230KV D/C Line, Asset3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230kV Bays at Kanchipuram Sub-station of TNEB	<b>2,04,69,173</b>	As per Regulation 13(3) of Sharing Regulations 2020
Betam	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	<b>4,83,770</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>70,07,360</b>	As per Regulation 13(9) of Sharing Regulations 2020
AP Solar Power Corporation Pvt Ltd (APSPCL)	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	<b>12,76,471</b>	As per Regulation 13(3) of Sharing Regulations 2020
<b>Total Bilateral Charges</b>		<b>3,29,01,527</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	67,831
GRT Jewellers (India) Pvt Ltd	Tamil Nadu	-	150	50	150 MW: 23.03.2022	100	29,75,775

### 3 . Details of Regional Transmission Deviation Charges

Entity	Transmission Deviation Charges Payable (Rs)
Andhra Pradesh	8,39,18,450
Karnataka	0
Kerala	6,12,136
Tamil Nadu	1,46,43,527
Telangana	60,824
Puducherry	0
PGCIL(SR)	0
PUGALUR HVDC(SR)	418
THRISSUR HVDC(SR)	0
Goa(SR)	25,90,375
NTPC,RSTPS 1& 2	0
NTPC, RSTPS 3	32,627
NTPC, TALCHER 2	41,58,889
NTPC, SIMHADRI 2	4,44,716
NTPC, SIMHADRI 1	2,12,106
NTPC, KUDGI STAGE 1	11,763
NTECL, VALLUR	4,707
NLC TS II Stage 1	5,73,081
NLC TS II Stage 2	1,90,747
NLC Stage 1 EXPN	3,80,656
NLC Stage 2 EXPN	3,84,614
NTPL	2,868
NNTPP	23,31,766
NPCIL,KGS 1 & 2	0
NPCIL, KGS 3 & 4	1,11,63,688
NPCIL, MAPS	26,50,893
NPCIL, KKNPP UNIT 1	44,50,120
NPCIL, KKNPP UNIT 2	1,03,12,370
<b>Seller</b>	
LKPPL STAGE 2	2,62,592
LKPPL STAGE 3	1,21,533
MEPL	3,77,018
SEL	2,88,992
SEIL/ TPCIL	0
COASTAL ENERGEN	8,48,597
IL&FS	7,64,582
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	181.49	0	462386.08	83918450
Karnataka	117.76	0	0	0
Kerala	115.86	0	5283.41	612136
Tamil Nadu	108.49	0	134975.82	14643527
Telangana	108.12	0	562.56	60824
Puducherry	102.23	0	0	0
PGCIL(SR)	-	0	0	0
PUGAUR HVDC(SR)	108.49	0	3.85	418
THRISSUR HVDC(SR)	115.86	0	0	0
Goa(SR)	85.1	0	30439.19	2590375
<b>Inter State Generating Stations</b>				
RSTPS 1& 2	108.12	0	0	0
RSTPS 3	108.12	301.77	0	32627
TALCHER 2	181.49	22915.25	0	4158889
SIMHADRI 2	181.49	1257.84	1192.52	444716
SIMHADRI 1	181.49	351.14	817.55	212106
KUDGI STAGE 1	117.76	99.89	0	11763
NTECL	108.49	43.39	0	4707
NLC TS II STAGE 1	108.49	5282.34	0	573081
NLC TS II STAGE 2	108.49	1758.2	0	190747
NLC 1 EXPN	108.49	3508.67	0	380656
NLC 2 EXPN	108.49	0	3545.16	384614
NTPL	108.49	26.44	0	2868
NNTPP	108.49	21492.91	0	2331766
MAPS	108.49	0	24434.45	2650893
KGS 1&2	117.76	0	0	0
KGS 3&4	117.76	94800.34	0	11163688
KKNPP UNIT 1	108.49	41018.71	0	4450120
KKNPP UNIT 2	108.49	0	95053.65	10312370
<b>SELLER</b>				
COASTAL ENERGEN	108.49	16.51	7805.38	848597
MEPL	181.49	0	2077.35	377018
SEPL	181.49	0	1592.33	288992
SEIL/ TPCIL	181.49	0	0	0

DIC	Rate Rs/MW	Excess Injection (MW)	Excess Withdrawal (MW)	Charges For Excess Injection/Withdrawal (Rs)
LKPPL2	181.49	0	1446.87	262592
LKPPL3	181.49	0	669.64	121533
IL&FS	108.49	16.22	7031.27	764582
SEIL Project 2 /SGPL	181.49	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 July, 2022**

**No: TC/06/2022**

**Date: 25.06.2022**

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 **63<sup>rd</sup> time block (15:30 Hrs to 15:45 Hrs) on 31<sup>st</sup> May, 2022** as a peak block for the billing period of May'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 15.06.2022 with last date of submission of comments as 17.06.2022. 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 15.06.2022 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.06.2022.
6. As per Hon'ble CERC order dated 27.05.2022 under Petition no. 223/TT/2020 the tariff approved for the depreciated cost of the diverted ICTs and bay equipment is to be shared by the Southern Region beneficiaries and long term transmission customers. Relevant part of the order is quoted below:

Quote

*"... the tariff approved in the instant order for the depreciated cost of the diverted ICTs and bay equipment shall be recovered on monthly basis in accordance with Regulation 43 of the 2014 Tariff Regulations and shall be shared by the Southern Region beneficiaries and long term transmission customers in accordance with the Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) Regulations, 2010 as amended from time to time."*

Unquote

CTU vide email dated 22.06.2022 has furnished format II-A (details of assets to be considered for Regional Component) after including the Sub-station extension for 400/200 kV ICT at Bhadrawati HVDC Back-to-Back Station & 400/200 kV 250 MVA shifted transformer from Moga Sub-station under "Installation of Transformer & Procurement of Spare Converter Transformer at Bhadrawati Back to Back Station" in Western Region. Accordingly, Implementing Agency has computed the transmission charges for billing month July, 2022 based on the details provided by CTU.

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 July'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 July'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of July'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 May'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 31.05.2022. North East Transmission Company Limited has submitted YTC on 01.06.2022. Khargone Transmission Limited has submitted YTC on 03.06.2022. Chhattisgarh State Power Transmission Company Ltd. has submitted YTC on 07.06.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 10.06.2022. Darbhanga-Motihari Transmission Co. Ltd. and NRSS XXXI (B) Transmission Ltd. have submitted YTC on 13.06.2022. Aravali Power Company Private Limited has submitted YTC on 16.06.2022. Power Transmission Corporation Of Uttarakhand Ltd. has submitted YTC on 20.06.2022. 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 May'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	Aravali Power Company Private Limited
14	Essar Power Transmission Company Limited
15	Jindal Power Limited
16	Parbati Koldam Transmission Company Limited
17	Bhopal Dhule Transmission Company Ltd.
18	East North Interconnection Company Limited
19	Gurgaon Palwal Transmission Limited

Sl. No.	Name of ISTS Licensee
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	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	Powerlinks Transmission Limited
35	Warora-Kurnool Transmission Limited
36	Powergrid Vizag Transmission Limited
37	Powergrid NM Transmission Limited
38	Powergrid Unchahar Transmission Limited
39	Powergrid Parli Transmission Limited
40	Powergrid Kala Amb Transmission Limited
41	Powergrid Southern Interconnector Transmission System Limited
42	Powergrid Jabalpur Transmission Limited
43	Powergrid Warora Transmission Limited
44	Powergrid Medinipur Jeerat Transmission Limited
45	Powergrid Mithilanchal Transmission Limited
46	Powergrid Ajmer Phagi Transmission Limited
47	Powergrid Varanasi Transmissoin System Limited
48	Powergrid Fatehgarh Transmission Limited

Sl. No.	Name of ISTS Licensee
49	Powergrid Khetri Transmission System Ltd.
50	North East Transmission Company Limited
51	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
52	Power Transmission Corporation Of Uttarakhand Ltd
53	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 07.06.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 13.06.2022. CTU has submitted data in formats II-C, II-D, II (G2) to II (G5) on 10.06.2022 and submitted data in formats II-A, II-B, II-E, II-F on 20.06.2022 (evening) and II-(G1) on 21.06.2022. Furthermore, CTU submitted revised II-A and II-E formats on 22.06.2022

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 07.06.2022 is as mentioned below:

S.NO.	WR	SR	NR	NER	ER	Others
1	Chattisgarh	Andhra Pradesh	Uttar Pradesh	Assam	Odisha	
2	Gujarat	Telangana	Haryana	Manipur		
3	MP	Karnataka	Himachal Pradesh	Meghalaya		
4	Maharashtra	Kerala	Delhi	Nagaland		
5	Goa	Tamil Nadu	Rajasthan	Tripura		
6	D&D	Vallur(NTECL)	Punjab			
7	DNH	Acme (Athena) Rewa	Jammu & Kashmir			
8	Hazira	Sprng Agnitra	BBMB			
9	ACBIL	Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6)	Azure Power Thirty-Four Pvt. Ltd.			
10	Spectrum Power	Fortum Solar India Private Limited. (Pavagada Solar Park)	ReNew Solar Power Private Limited			
11	Maruti Coal Power	PVG Renew-TN2				

12	BALCO	PVG ADYAH				
13	CGPL	PVG AMPLUS Tumkur and PVG AMPLUS Pavagada				
14	DB Power Ltd.	PVG Azure Earth				
15	DGEN	Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park)				
16	Dhariwal	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)				
17	GMR Warora	PVG Parampujya				
18	Raipur Energen					
19	Jindal Stg-1					
20	JPL Stg-2					
21	Jhabua Power					
22	JP Nigrie					
23	KAPS 1&2					
24	Raigarh Energy					
25	KSK Mahanadi					
26	LANCO					
27	MB Power					
28	Essar Mahan					
29	NSPCL Bhilai					
30	Ratnagiri Dabhol					
31	RKM Power					
32	Sasan UMPP					
33	SKS Power					
34	SSP					
35	TAPS (3,4)					

36	TRN Energy					
37	TAPS (1,2)					
38	Naranpar Ostro					
39	ACME RUMS					
40	Mahindra Renewables Pvt. Ltd.					
41	ARINSUM					
42	Bhuvad Renew					
43	Vadwa Green Infra					
44	Roha Green infra					
45	Dayapar Inox					
46	Ratadiya AGEMPL					
47	Alfanar wind					
48	Renew AP2 Gadhsisa					
49	Avikiran					

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

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

- 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 of July,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 ₹	Total Transmission charges payable in ₹ Cr
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC			
1	Delhi	NR	4593	283783209	824072517	78626186	98068437	197732817	55540734		1537823900	153.78
2	UP	NR	9514	847854652	1707144069	162881572	203158031	409622211	139403528	3671419	3473735483	347.37
3	Punjab	NR	4214	391923524	756069801	72137929	89975799	181415845	102382794	935605	1594841298	159.48
4	Haryana	NR	3859	464980542	692503995	66073005	82411175	166163491	185815011		1657947218	165.79
5	Chandigarh	NR	352	14703687	63204080	6030411	7521578	15165559	3122402		109747716	10.97
6	Rajasthan	NR	4393	280327949	788272314	75210426	93808047	189142706	94346188	2662263	1523769893	152.38
7	HP	NR	1744	34302182	312845117	29849094	37230014	75065902	24781306	51489065	565562681	56.56
8	J&K	NR	2329	53091407	417943379	39876702	49737193	100283798	55404477		716336956	71.63
9	Uttarakhand	NR	1269	149700028	227624502	21718048	27088367	54617565	30233785	2624468	513606763	51.36
10	GMR Kamalanga	NR	75	3359950	13457480	1284001	1601502	3229067			22932001	2.29
11	WBSDECL_Inj	NR	600	0	107659841	10272012	12812018	25832537			156576408	15.66
12	MB Power	NR	175	34549495	31400787	2996003	3736839	7534490			80217614	8.02
13	Jorthang	NR	86.4	6112018	15503017	1479170	1844931	3719885			28659021	2.87
14	Tashiding	NR	87.3	6362821	15664507	1494578	1864149	3758634			29144688	2.91
15	Northern Railways	NR							2523524		2523524	0.25
16	North Central Railways	NR							2047375		2047375	0.20
17	RAPP 7&8, NPCIL	NR								33406195	33406195	3.34
18	Adani Renewable Energy Park Rajasthan Limited	NR								2868116	2868116	0.29
19	Gujarat	WR	8975	760301005	1610376364	153648798	191642227	124576716	54007837	6303206	2900856153	290.09
20	Madhya Pradesh	WR	7420	609142260	1331469952	127037854	158451076	103000862	123282484	1235668	2453620156	245.36
21	Maharashtra	WR	7762	1105129152	1392780583	132887607	165747324	107743777	79916858		2984205300	298.42
22	Chhattisgarh	WR	2336	107798717	419235417	39999977	49890951	32431531	23030847		672387441	67.24
23	Goa	WR	513	52033625	92118669	8789202	10962547	7126186	10592365	1254778	182877372	18.29
24	DNHDDPDCL	WR	1481	147981409	265706357	25351504	31620284	20554714	27166061		518380327	51.84
25	Jindal Power Limited	WR	125	33397351	22429134	2140002	2669171	1735090			62370747	6.24
26	ACB Ltd	WR	51	6240458	9061370	864561	1078345	700976			17945710	1.79
27	Torrent Power	WR	200	734463	35886614	3424004	4270673	2776144			47091897	4.71
28	Sembcorp Energy India Ltd Project-I	WR	115	9525501	20634803	1968802	2455637	1596283			36181026	3.62

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 ₹	Total Transmission charges payable in ₹ Cr
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC			
29	DB Power	WR	186	39530844	33374551	3184324	3971726	2581814			82643258	8.26
30	TRN Energy Pvt. Ltd.	WR	3	243857	538299	51360	64060	41642			939219	0.09
31	CSPTCL	WR	261	0	46832031	4468325	5573228	3622868			60496452	6.05
32	WBSEDCL_Inj	WR	400	0	71773227	6848008	8541346	5552288			92714869	9.27
33	GMR Warora Energy Ltd, Maharashtra	WR	45	3114775	8000921	763382	952147	618941			13450165	1.35
34	MB Power	WR								11839019	11839019	1.18
35	Adani Power Limited	WR								285612071	285612071	28.56
36	Essar Steel	WR							8805858		8805858	0.88
37	Powerica Ltd.	WR								34277422	34277422	3.43
38	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665	6.26
39	Andhra Pradesh	SR	1722	426183392	308996507	29481892	36772012	25529235	30307888		857270926	85.73
40	Telangana	SR	4059	227754867	728230630	69481745	86662809	60166282	31264142		1203560476	120.36
41	Tamil Nadu	SR	8187	439671828	1469026867	140162397	174820984	121370733	91227664		2436280473	243.63
42	Kerala	SR	2781	184595152	499012675	47611663	59384814	41228337	51939269		883771910	88.38
43	Karnataka	SR	5331	386798454	956647069	91275353	113845421	79038007	94483510	3551241	1725639055	172.56
44	Pondicherry	SR	513	11624581	92116125	8788959	10962244	7610617	12854861		143957387	14.40
45	Goa-SR	SR	91	61336	16313525	1556502	1941385	1347820			21220568	2.12
46	Sembcorp Energy India Ltd Project-I	SR	55	4555674	9868819	941601	1174435	815360		113512	17469402	1.75
47	Sembcorp Energy India Ltd Project-II	SR	490	61108265	87922203	8388810	10463148	7264116		7007360	182153904	18.22
48	BHAVINI	SR								20469173	20469173	2.05
49	Betam	SR								483770	483770	0.05
50	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471	0.13
51	West Bengal	ER	2409	257032857	432303465	41246822	51446110	68185973	48332935		898548161	89.85
52	Odisha	ER	1766	210352997	316804218	30226839	37701166	49968611	71026853		716080684	71.61
53	Bihar	ER	5478	202500641	982964321	93786328	116977296	155040113	171426139		1722694838	172.27
54	Jharkhand	ER	688	38099263	123461572	11779682	14692498	19473236	51065945	9869089	268441285	26.84
55	Sikkim	ER	93	1297686	16773905	1600427	1996172	2645699	2688795		27002684	2.70
56	DVC	ER	640	48131713	114920448	10964759	13676064	18126069	9385005		215204058	21.52
57	Bangladesh	ER	782	21704177	140394575	13395290	16707603	22144029			214345674	21.43
58	NPGC Nabinagar	ER								45052314	45052314	4.51

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 ₹	Total Transmission charges payable in ₹ Cr
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC			
59	Arunachal Pradesh	NER	288	2961476	51633682	4926459	6144647	9173988	13959727		88799979	8.88
60	Assam	NER	1628	126553762	292158783	27875375	34768245	51909164	22832903	1016063	557114295	55.71
61	Manipur	NER	218	8821995	39192281	3739403	4664062	6963469	3999964		67381174	6.74
62	Meghalaya	NER	256	18870357	45913682	4380704	5463940	8157690	392447		83178820	8.32
63	Mizoram	NER	137	12513128	24569861	2344253	2923927	4365438	1532249		48248856	4.82
64	Nagaland	NER	194	11352522	34855144	3325590	4147923	6192870	24170597		84044646	8.40
65	Tripura	NER	302	3498392	54244632	5175574	6455362	9637888	23697326		102709173	10.27
<b>TOTAL</b>			<b>101274</b>	<b>8152269393</b>	<b>18171908685</b>	<b>1733813275</b>	<b>2162541089</b>	<b>2624299083</b>	<b>1778991653</b>	<b>589625956</b>	<b>35213449134</b>	<b>3521</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)*

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	67831	
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	225556	
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	2254415	
4	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1612600	
5	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	9914731	

6	GRT Jewellers (India) Pvt Ltd	Tamil Nadu		150	50	50MW: 30.03.2022	150 MW: 23.03.2022	100	2975775	
7	NTPC LTD. (Auraiya Floating Solar)	Uttar Pradesh		20			20 MW: 11.04.2022	20	729457	
8	Avaada Energy Pvt. Ltd.	Rajasthan		300		10MW: 08.02.2022 50MW: 13.04.2022; 100MW: 11.05.2022	60MW: 13.04.2022 100MW: 23.04.2022	0	1116926	Charges computed for 10 days corresponding to 100 MW
9	NTPC Kawas (Solar)	Gujarat		39.50	14.11	14.11MW: 14.05.22	14.11MW: 27.05.2022 10.58MW: 31.05.2022	10.58	11007	Charges computed for 01 day corresponding to 10.58 MW
10	NTPC Kawas (Solar)	Gujarat		16.50		5.89MW: 14.05.22	5.89MW: 27.05.2022 4.42MW: 31.05.2022	4.42	4599	Charges computed for 01 day corresponding to 4.42MW
11	NTPC Gandhar (Solar)	Gujarat		14.11		-	14.11MW: 09.05.2022		337637	Charges computed for 23 day corresponding to 14.11MW
12	NTPC Gandhar (Solar)	Gujarat		5.89		-	5.89MW: 09.05.2022		140941	Charges computed for 23 day corresponding to 5.89MW

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

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	46.51
2	UP	NR	50.66
3	Punjab	NR	52.54
4	Haryana	NR	59.66
5	Chandigarh	NR	43.27
6	Rajasthan	NR	48.09
7	HP	NR	40.95
8	J&K	NR	42.71
9	Uttarakhand	NR	55.94
10	Gujarat	WR	44.79
11	Madhya Pradesh	WR	45.90
12	Maharashtra	WR	53.40
13	Chhattisgarh	WR	39.97
14	Goa	WR	49.14
15	Daman and Diu and Dadra and Nagar Haveli	WR	48.62
16	Andhra Pradesh	SR	69.14
17	Telangana	SR	41.19
18	Tamil Nadu	SR	41.33
19	Kerala	SR	44.14
20	Karnataka	SR	44.86
21	Pondicherry	SR	38.95
22	Goa-SR	SR	32.42
23	West Bengal	ER	51.80
24	Odisha	ER	56.33
25	Bihar	ER	43.68
26	Jharkhand	ER	52.19
27	Sikkim	ER	40.12
28	DVC	ER	46.67
29	Bangladesh	ER	38.05
30	Arunachal Pradesh	NER	42.86
31	Assam	NER	47.44
32	Manipur	NER	42.85
33	Meghalaya	NER	45.15
34	Mizoram	NER	48.94
35	Nagaland	NER	60.09
36	Tripura	NER	47.19



**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	9082.42	
2	Delhi	NR	4577.65	
3	Haryana	NR	3801.10	
4	Uttarakhand	NR	1268.58	
5	Punjab	NR	4178.66	
6	Rajasthan	NR	4382.18	
7	Himachal Pradesh	NR	1743.52	
8	Jammu & Kashmir	NR	2329.24	
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	WBS&DCL	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	7210.74	
29	Chhattisgarh	WR	2331.38	
30	Maharashtra	WR	7629.93	
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	WBS&DCL	WR	400.00	
50	BIHAR	ER	5377.26	
51	JHARKHAND	ER	688.06	

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*
52	DVC	ER	330.46	
53	ORISSA	ER	1765.58	
54	WEST BENGAL	ER	2407.87	
55	SIKKIM	ER	93.48	
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	1719.60	
63	Karnataka	SR	5320.00	
64	KSEB	SR	2779.98	
65	Tamil Nadu	SR	8170.51	
66	Telangana	SR	4058.51	
67	Puducherry	SR	513.37	
68	Goa	SR	90.92	
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-HVDCTalcher	SR	1.50	Andhra Pradesh
73	PG-HVDCKolar	SR	1.50	Karnataka
74	PG-HVDC Pugalur	SR	2.88	Tamil Nadu
75	PG-HVDC Thrissur	SR	1.07	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
<b>TOTAL</b>			<b>101274.023</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**

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

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for May'22 (₹)	Equivalent MTC to be considered for	Remarks
1	Powergrid Corporation Of India Ltd	32351.66	32351.66	2747.68	As per data furnished by ISTS Licensee for May'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	52.56	As per data furnished by ISTS Licensee for May'22
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	14.01	As per data furnished by ISTS Licensee for May'22
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.66	As per data furnished by ISTS Licensee for May'22
5	Sipat Transmission Limited.	94.92	94.92	8.06	As per data furnished by ISTS Licensee for May'22
6	Western Transmission Gujarat Limited	53.00	53.00	4.50	As per data furnished by ISTS Licensee for May'22
7	Western Transco Power Limited	97.41	97.41	8.27	As per data furnished by ISTS Licensee for May'22
8	Alipurduar Transmission Limited	153.02	153.02	13.00	As per data furnished by ISTS Licensee for May'22
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	4.08	As per data furnished by ISTS Licensee for May'22
10	North Karanpura Transco Limited	23.64	23.64	2.01	As per data furnished by ISTS Licensee for May'22
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.95	As per data furnished by ISTS Licensee for May'22
12	Jam Khambaliya Transco Limited	40.36	40.36	3.43	As per data furnished by ISTS Licensee for May'22
13	Aravali Power Company Private Limited	10.42	10.42	0.88	As per data furnished by ISTS Licensee for May'22
14	Essar Power Transmission Company Limited	405.68	405.68	34.45	As per data furnished by ISTS Licensee for May'22
15	Jindal Power Limited	19.12	19.12	1.62	As per data furnished by ISTS Licensee for May'22
16	Kudgi Transmission Limited	196.29	196.29	16.67	Data not furnished for May'22. Considered the same as in the earlier billing period.
17	Parbati Koldam Transmission Company Limited	171.37	171.37	14.55	As per data furnished by ISTS Licensee for May'22
18	Bhopal Dhule Transmission Company Ltd.	260.23	260.23	22.10	As per data furnished by ISTS Licensee for May'22
19	East North Interconnection Company Limited	144.30	144.30	12.26	As per data furnished by ISTS Licensee for May'22
20	Gurgaon Palwal Transmission Limited	140.88	140.88	11.97	As per data furnished by ISTS Licensee for May'22
21	Jabalpur Transmission Company Limited	146.88	146.88	12.47	As per data furnished by ISTS Licensee for May'22
22	Maheshwaram Transmission Limited	55.97	55.97	4.75	As per data furnished by ISTS Licensee for May'22
23	Khargone Transmission Company Ltd.	182.08	182.08	15.46	As per data furnished by ISTS Licensee for May'22
24	NRSS-XXIX Transmission Limited	501.80	501.80	42.62	As per data furnished by ISTS Licensee for May'22
25	Odisha Generation Phase-II Transmission Limited	154.18	154.18	13.10	As per data furnished by ISTS Licensee for May'22
26	Patran Transmission Company Limited	30.71	30.71	2.61	As per data furnished by ISTS Licensee for May'22
27	Purulia & Kharagpur Transmission Company Limited	72.40	72.40	6.15	As per data furnished by ISTS Licensee for May'22
28	Rapp Transmission Company Limited	44.01	44.01	3.74	As per data furnished by ISTS Licensee for May'22
29	NER-II Transmission Limited	412.53	412.53	35.04	As per data furnished by ISTS Licensee for May'22
30	Teestavalley Power Transmission Limited	257.15	257.15	21.84	Data not furnished for May'22. Considered the same as in the earlier billing period.
31	Torrent Power Grid Limited	39.40	39.40	3.35	As per data furnished by ISTS Licensee for May'22
32	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.44	As per data furnished by ISTS Licensee for May'22
33	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.33	As per data furnished by ISTS Licensee for May'22
34	Jaypee Powergrid Limited	138.41	138.41	11.76	Data not furnished for May'22. Considered the same as in the earlier billing period.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for May'22 (₹)	Equivalent MTC to be considered for	Remarks
35	Kohima Mariani Transmission Limited	237.50	237.50	20.17	As per data furnished by ISTS Licensee for May'22
36	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.99	As per data furnished by ISTS Licensee for May'22
37	Damodar Valley Corporation	109.09	109.09	9.26	Data not furnished for May'22. Considered the same as in the earlier billing period.
38	Powerlinks Transmission Limited	137.17	137.17	11.65	As per data furnished by ISTS Licensee for May'22
39	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for May'22. Considered the same as in the earlier billing period.
40	Warora-Kurnool Transmission Limited	6.21	6.21	0.53	As per data furnished by ISTS Licensee for May'22
41	Powergrid Vizag Transmission Limited	234.39	234.39	19.91	As per data furnished by ISTS Licensee for May'22
42	Powergrid NM Transmission Limited	111.36	111.36	9.46	As per data furnished by ISTS Licensee for May'22
43	Powergrid Unchahar Transmission Limited	19.76	19.76	1.68	As per data furnished by ISTS Licensee for May'22
44	Powergrid Parli Transmission Limited	326.22	326.22	27.71	As per data furnished by ISTS Licensee for May'22
45	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.83	As per data furnished by ISTS Licensee for May'22. Bilateral payment of HPSEB is also included in the claimed YTC
46	Powergrid Southern Interconnector Transmission System Limited	449.68	449.68	38.19	As per data furnished by ISTS Licensee for May'22
47	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.78	As per data furnished by ISTS Licensee for May'22
48	Powergrid Warora Transmission Limited	364.20	364.20	30.93	As per data furnished by ISTS Licensee for May'22
49	Powergrid Medinipur Jeerat Transmission Limited	555.23	555.23	47.16	As per data furnished by ISTS Licensee for May'22
50	Powergrid Mithilanchal Transmission Limited	170.00	170.00	14.44	As per data furnished by ISTS Licensee for May'22
51	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.40	As per data furnished by ISTS Licensee for May'22
52	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.93	As per data furnished by ISTS Licensee for May'22
53	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.33	As per data furnished by ISTS Licensee for May'22
54	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.76	As per data furnished by ISTS Licensee for May'22
55	North East Transmission Company Limited	260.21	260.21	22.10	As per data furnished by ISTS Licensee for May'22
56	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	439.71	44.86	3.81	As per data furnished by ISTS Licensee for May'22. CERC approved ISTS lines are only considered as per Sharing Regulations 2020
57	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	1.06	Data not furnished for May'22. Considered the same as in the earlier billing period.
58	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for May'22. CERC Tariff Order dated 12.06.2019 has been considered
59	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for May'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.
60	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.69	Data furnished by ISTS Licensee for May'22. CERC Tariff Order dated 09.11.2021 , 25.11.2021 and 13.06.2021 have been considered.
61	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.54	Data not furnished by ISTS Licensee for May'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. RPC certified non-ISTS as ISTS has not been considered in line with clause 13 (13) of Sharing Regulations,2020
62	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for May'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
63	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	As per data furnished by ISTS Licensee for May'22
64	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.22	Data not furnished for May'22. Considered the same as in the earlier billing period.
65	Odisha Power Transmission Corporation Limited	9.80	9.67	0.82	Data not furnished by ISTS Licensee for May'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.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for May'22 (₹)	Equivalent MTC to be considered for	Remarks
66	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
67	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
68	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
69	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
70	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
71	Haryana Vidyut Prasaran Nigam Limited	8.09	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
72	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
73	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for May'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
74	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for May'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 May'22 from the claimed assets of ISTS licensees (₹ Crores)

**3521.34**

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

Sl.No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
1	02 Nos of 132 kV line bays at Daltonganj Substation	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	832668	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	45052314		As per Regulation 13(3) of Sharing Regulations 2020
4	400 kV D/C Nabinagar - Patna line and associated bays at Patna Sub-station under Transmission System associated with Nabinagar-II TPS (3X660 MW) in Eastern Region					As per Regulation 13(3) of Sharing Regulations 2020
5	80 MVAR Switchable Line Reactor at Nabinagar Substation under Transmission System associated with Nabinagar-II TPS (3X660 MW) in Eastern Region					As per Regulation 13(3) of Sharing Regulations 2020
6	765/400 kV 3X500 MVA ICT-IV along with associated bays at Gaya Sub-station under Transmission System associated with Nabinagar-II TPS (3X660 MW) in Eastern Region					As per Regulation 13(3) of Sharing Regulations 2020
7	220 kV, 2 nos. Line bays at Hamirpur Sub-station	Himachal Pradesh Power Transmission Corporation Limited (HPPTCL)	NR	1314230	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
8	02 Nos. 220 KV Line Bays (HPSEB Future Bays)	Himachal Pradesh State Electricity Board (HPSEB)	NR	50174835	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2021
9	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
10	220kV, 2 Nos. Line bays at Jalandhar Substation	Punjab State Transmission Corporation Limited (PSTCL)	NR	935605	Punjab	As per Regulation 13(12) of Sharing Regulations 2020
11	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Rajasthan DISCOMs	NR	1513479	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2021
12	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL)	NR	1148784	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2022
13	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	33406195		As per Regulation 13(3) of Sharing Regulations 2020
14	One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	3671419	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
15	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation					
16	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station					
17	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Betam	SR	483770		As per Regulation 13(3) of Sharing Regulations 2020
18	Asset 1. Kalpakkam PFBR-Sirucher 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line, Asset 3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	Bharatiya Nabhiya Vidyut Nigam Limited (BHAVINI)	SR	20469173		As per Regulation 13(3) of Sharing Regulations 2020
19	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Karnataka DISCOMs	SR	840822	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
20	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	2710419	Karnataka	As per Regulation 13(12) of Sharing Regulations 2021
21	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-I	SR	113512		As per Regulation 13(9) of Sharing Regulations 2020
22	HVDC Mundra-Mahendergarh	Adani Power Limited	WR	285612071		--

Sl.No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
23	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	1254778	Goa	As per Regulation 13(12) of Sharing Regulations 2020
24	Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation	Gujarat Urja Vikas Nigam Limited (GUVNL)	WR	972041	Gujarat	As per Regulation 13(12) of Sharing Regulations 2021
25	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 kV line bays at Banaskantha (PG) under Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	Gujarat Power Corporation Limited (GPCL)	WR	5331165	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
26	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	MB Power	WR	11839019		As per Regulation 13(9) of Sharing Regulations 2020
27	1 no. 220 kV line bays at 400/220 kV Indore substation	Madhya Pradesh Power Transmission Corporation Limited (MPPTCL)	WR	1235668	Madhya Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
28	1 no. 220 kV line bay at 400/220 kV Indore substation					
29	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1276471		As per Regulation 13(3) of Sharing Regulations 2020
30	LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL)	Assam Electricity Grid Corporation Limited (AEGCL)	NER	1016063.34	Assam	As per Regulation 13(12) of Sharing Regulations 2020
31	04 Nos. 220 kV bays at Dehradun Sub-station	Power Transmission Corporation Of Uttarakhand Limited	NR	2624468.49	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020
32	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-2	SR	7007360.39		As per Regulation 13(9) of Sharing Regulations 2020
33	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	9036420.38	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
34	Establishment of 4x500MVA, 400/220kV Jam Khambhaliya PS (GIS)	Powerica Ltd.	WR	34277421.92		As per Regulation 13(12) of Sharing Regulations 2020
35	1x125MVAR, 420kV Bus reactor at Jam Khambhaliya PS along with reactor bay		WR			As per Regulation 13(12) of Sharing Regulations 2020
36	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
37	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
38	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
39	Mahan Bilaspur Line	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	62607664.92		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

Sl.No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
40	Establishment of 400 kV Pooling Station at Fatehgarh	Adani Renewable Energy Park Rajasthan Limited	NR	2868116.16		As per Regulation 13(3) of Sharing Regulations 2020
41	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		NR			As per Regulation 13(3) of Sharing Regulations 2020
42	2 Nos. 400 kV line bays at Fatehgarh Pooling Station		NR			As per Regulation 13(3) of Sharing Regulations 2020
43	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay		NR			As per Regulation 13(3) of Sharing Regulations 2020
44	Space for future 220kV (12 Nos) Line Bays		NR			As per Regulation 13(3) of Sharing Regulations 2020
45	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
46	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
47	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.		NR			As per Regulation 13(3) of Sharing Regulations 2020
TOTAL				589625956		



**Annexure-VIII****Commercial data related to LTA details of exempted Renewable Energy (RE) based generation (Cumulative till May'22)**

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationalization	Exempted quantum in MW (as on May'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 Jul'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	COD of 11MW: 10.05.2022; 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 Jul'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 (NBPDCL & SBPDCL)	300 MW: 04.11.19	300	No billing for Jul'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 Jul'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 Jul'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 Jul'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 Jul'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 May'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 Jul'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 Jul'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 Jul'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 Jul'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 Li	NR	500	500	UPPCL-500 MW	500 MW: 27.10.19	500	No billing for Jul'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS	Bhadla	Claien Solar Power (Bhadla) Pvt. Ltd. : 300MW SB Energy Four Pvt. Ltd.: 200MW
19	Adani Reneable Energy Park Rajasthan	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 Jul'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 Jul'22 billing month.		

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 May'22)	Remarks	PS	SPD/SPV/Subsidiary
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 Jul'22 billing month. Included in Format II G(2).		
23	Continuum Power Trading (TN) Pvt. L	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 Jul'22 billing month. Included in Format II G(2).		
24	Avikiran Solar India Private Ltd.. (ASIF)	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 Surya Urja Company of Rajasthan Ltd.	NR	750	750	PSPCL-300MW NBPDCL-207MW SBPDCL-243MW	01.06.2021	300	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS	Bhadla	SB Energy Six pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW
26	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL	01.07.2021	75	MTOA was operational upto 30-Jun-2021. Now. The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2).		
27	Adani Renewable Energy Park Rajasthan Ltd.	NR	1000	996	TSSPDCL-208.82MW TSNPDCL-87.18MW AEML-700MW	01.08.2021	199.68	LTA made effective vide CTU letter dated 31.07.2021 but generation is delayed.  1000MW is on Target (NR) till 11.08.2021. After 11.08.2021, 704MW is on Target (NR) and 296MW is on Firm (SR). After 21.12.2021, 4MW is on Target, 700 MW Firm (WR) and 296 MW Firm (SR).  COD of 49.92 MW: 30.12.21 & COD of 74.88MW: 05.02.2022, 74.88MW: 05.03.2022	Fatehgarh	NTPC Ltd.:296MW Adani Hybrid Energy Jaisalmer Four Ltd.: 700MW
28	Gujarat Power Corporation Limited	WR	700	600	GUVNCL: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 Jul'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 Jul'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.

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 May'22)	Remarks	PS	SPD/SPV/Subsidiary
34	Renew Power Pvt Ltd	SR	300	300	SBPDCL: 162 MW NBPDCL: 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 Jul'22 billing month.	Bikaner	Azure Power Forty Three Pvt. Ltd.
37	Avaada Energy Pvt. Ltd.	NR	00 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	00 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	00 MW out of 300MW	300.0	TSSPDCL-98.77 TSNPDC-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	00 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	50 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 Jul'22 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	00 MW out of 300MW	-	TSSPDCL-98.77 TSNPDC-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 TSNPDC: 38.285MW TANGEDCO: 170MW	300MW: 25.03.2022	0.00	Included in Format II G (3)	Khandwa (PG)	

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 May'22)	Remarks	PS	SPD/SPV/Subsidiary
47	GRT Jewellers (India) Pvt Ltd	SR	150	150	SBPDCL: 81 MW NBPDL: 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 Raisar 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 NBPDL: 69MW SBPDCL: 81MW Puduchery: 50MW	02.04.2022	0		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 Sustainable 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.
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	14.11	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	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	0	Bilateral billing on behalf of Jamkhamabliya Transco Limited is being done as per RTA.	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 NBPDL: 69MW SBPDCL: 81MW Puduchery: 50MW	11.05.2022	0		Fatehgarh	ACME Dhaulpur Solar Energy Pvt Ltd
61	Adani Renewable Energy Holding On	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)	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.
Total			18241.1	18137.1			13756.6			

[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

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

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

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

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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