

# ग्रिड कंट्रोलर ऑफ़ इंडिया लिमिटेड



## GRID CONTROLLER OF INDIA LIMITED (A Govt. of India Enterprise)

पंजीकृत एवं केंद्रीय कार्यालय: बी-09, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016  
Registered & Corporate Office: B – 9, 1<sup>st</sup> Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016  
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संदर्भ संख्या: ग्रिड-इंडिया/एनएलडीसी/2023/

दिनांक: 22<sup>nd</sup> दिसंबर 2023

सेवा मे,

वितरण सूची के अनुसार

विषय: नवंबर 2023 माह के लिए अनुषंगी सेवाओ (टी.आर.ए.एस. / एस.आर.ए.एस) की मासिक रिपोर्ट।

महोदय,

अनुषंगी सेवाओ(टी.आर.ए.एस. / एस.आर.ए.एस) के परिचालन हेतु अनुमोदित विस्तृत प्रक्रिया के प्रावधान के अनुसार, टी.आर.ए.एस. / एस.आर.ए.एस प्रक्रिया के विभिन्न परिचालन पहलुओ से संबन्धित नवंबर 2023 माह की रिपोर्ट संलग्न है।

सादर धन्यवाद,

भवदीय

-Sd/-

(नीरज कुमार)

महाप्रबंधक (एम.ओ.) / रा. भा. प्रे. के

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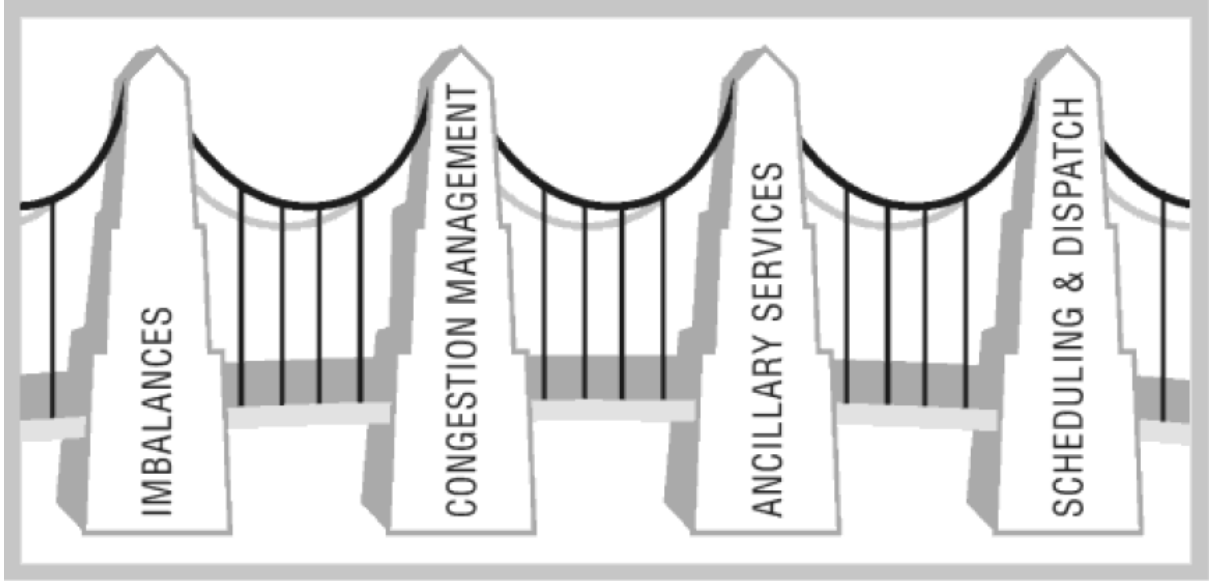


**ग्रिड-इंडिया**  
**GRID-INDIA**

ग्रिड कंट्रोलर ऑफ़ इंडिया लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

**GRID CONTROLLER OF INDIA LIMITED**

**NATIONAL LOAD DESPATCH CENTRE, NEW DELHI**



टी.आर.ए.एस/एस.आर.ए.एस प्रक्रिया की  
अक्टूबर-2023 माह के लिए कार्यान्वयन रिपोर्ट

**IMPLEMENTATION OF THE TRAS/SRAS MECHANISM**  
**REPORT FOR THE MONTH OF OCTOBER 2023**

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**Section-1: नवंबर,23 माह में अनुषंगी सेवा प्रेषण का सारांश / Summary of Ancillary Services Despatched for November'23**

TRAS Details	Total	Average (₹ per unit)
<b>Regulation Up</b>		
Energy scheduled	283 MU	--
Total charges/ Compensation charges	₹ 212 Crores	₹7.49
<b>Regulation Down</b>		
Energy scheduled	540 MU	--
Total charges/ Compensation charges	₹148 Crores	₹ 2.74

SRAS Up Energy (MU)	SRAS Down Energy (MU)	Variable charges (Rs Cr)	Mark up Charges as per CERC order (Rs Cr)	Total Charges (Rs Cr)	Total Charges (Rs/Unit) (A+B+C)
139	282	-20.97	14.92	-6.05	0.04

**Ratio of Ancillary Despatched as a percentage of the All India energy on a daily basis**

Date	Energy Met (MU)	Ancillary Despatched (Up) (MU)	Ancillary Despatched (Down) (MU)	Ancillary Despatched (MU)	Ratio (Ancillary/ All India Energy)	Average Up (MW)	Average Down (MW)
01-11-2023	4355	15.74	-20.43	36.17	0.83%	655.75	-851.28
02-11-2023	4369	14.91	-20.02	34.93	0.80%	621.38	-834.08
03-11-2023	4370	13.64	-18.52	32.16	0.74%	568.31	-771.57
04-11-2023	4310	12.75	-24.51	37.26	0.86%	531.16	-1021.22
05-11-2023	4107	8.32	-32.15	40.47	0.99%	346.78	-1339.50
06-11-2023	4191	10.06	-32.57	42.62	1.02%	418.96	-1357.04
07-11-2023	4201	10.07	-25.39	35.47	0.84%	419.76	-1058.09
08-11-2023	4199	16.95	-21.92	38.87	0.93%	706.09	-913.33
09-11-2023	4160	15.23	-23.03	38.26	0.92%	634.54	-959.76
10-11-2023	4115	8.63	-42.98	51.61	1.25%	359.44	-1790.79
11-11-2023	3938	10.92	-84.35	95.26	2.42%	454.99	-3514.38
12-11-2023	3581	14.62	-76.18	90.79	2.54%	609.03	-3174.01
13-11-2023	3467	19.65	-54.39	74.04	2.14%	818.70	-2266.42
14-11-2023	3624	24.73	-25.16	49.89	1.38%	1030.48	-1048.33
15-11-2023	3756	41.82	-34.21	76.03	2.02%	1742.69	-1425.22
16-11-2023	3891	34.25	-40.29	74.54	1.92%	1427.09	-1678.75
17-11-2023	3989	35.83	-37.93	73.76	1.85%	1492.93	-1580.39
18-11-2023	4044	26.12	-22.05	48.17	1.19%	1088.37	-918.81
19-11-2023	3913	12.44	-27.87	40.31	1.03%	518.43	-1161.09
20-11-2023	4055	24.71	-30.97	55.68	1.37%	1029.68	-1290.32
21-11-2023	4110	25.50	-24.22	49.72	1.21%	1062.57	-1009.14
22-11-2023	4100	18.06	-22.47	40.53	0.99%	752.41	-936.14
23-11-2023	4083	16.75	-20.49	37.24	0.91%	698.08	-853.64
24-11-2023	4078	17.64	-28.10	45.73	1.12%	734.89	-1170.65
25-11-2023	4022	16.02	-35.44	51.46	1.28%	667.68	-1476.56
26-11-2023	3763	10.52	-50.04	60.56	1.61%	438.27	-2085.17
27-11-2023	3643	22.78	-52.93	75.70	2.08%	949.03	-2205.25
28-11-2023	3730	19.79	-35.80	55.59	1.49%	824.77	-1491.60
29-11-2023	3772	17.13	-36.79	53.92	1.43%	713.75	-1533.12
30-11-2023	3706	16.52	-35.61	52.13	1.41%	688.31	-1483.63

### Average Ancillary Despatched Up / Down for the month

Date	Average Up (MW)	Average Down (MW)
01-11-2023	655.751	-851.275
02-11-2023	621.376	-834.081
03-11-2023	568.309	-771.567
04-11-2023	531.164	-1021.215
05-11-2023	346.776	-1339.503
06-11-2023	418.965	-1357.043
07-11-2023	419.759	-1058.088
08-11-2023	706.093	-913.331
09-11-2023	634.536	-959.760
10-11-2023	359.439	-1790.788
11-11-2023	454.988	-3514.383
12-11-2023	609.026	-3174.011
13-11-2023	818.700	-2266.424
14-11-2023	1030.476	-1048.328
15-11-2023	1742.688	-1425.215
16-11-2023	1427.086	-1678.746
17-11-2023	1492.926	-1580.389
18-11-2023	1088.369	-918.815
19-11-2023	518.425	-1161.094
20-11-2023	1029.681	-1290.318
21-11-2023	1062.567	-1009.138
22-11-2023	752.409	-936.143
23-11-2023	698.082	-853.639
24-11-2023	734.889	-1170.653
25-11-2023	667.680	-1476.556
26-11-2023	438.275	-2085.169
27-11-2023	949.029	-2205.246
28-11-2023	824.768	-1491.596
29-11-2023	713.746	-1533.125
30-11-2023	688.307	-1483.627

## TRAS Region Wise Summary

### TRAS UP

Region	Energy scheduled to VAE under RRAS (MU)	Average Variable Charges (Rs/Unit) (B)
ER	43	3.88
NER	11.02	4.55
NR	113	7.89
SR	62	4.81
WR	53	13.29
All India	283	7.49

### TRAS Down

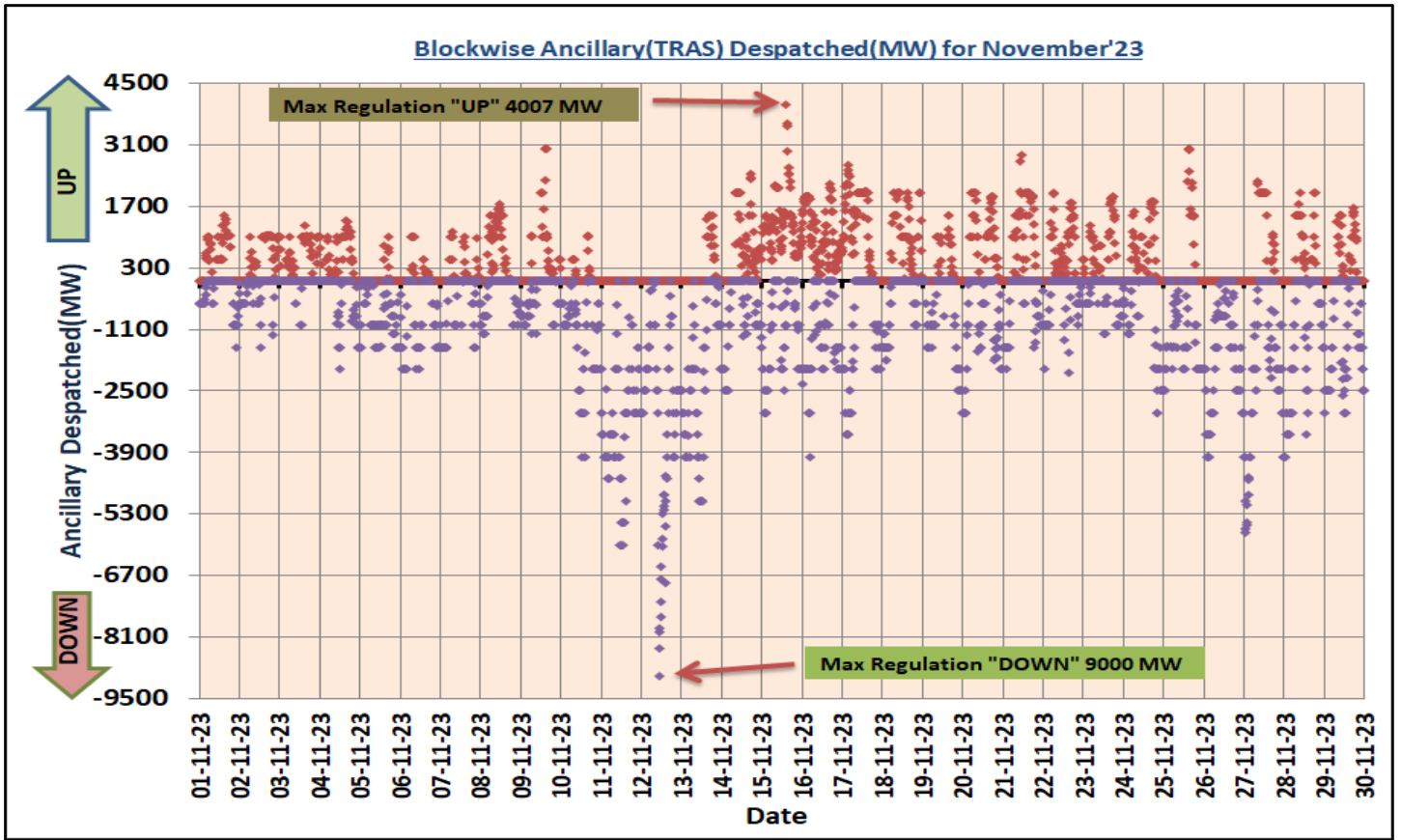
Region	Energy scheduled to VAE under RRAS (MU)	Average Variable Charges (Rs/Unit) (B)
ER	205	2.59
NER	9.32	3.56
NR	80	2.89
SR	139	2.91
WR	107	2.59
All India	540	2.74

## SRAS Region Wise Summary

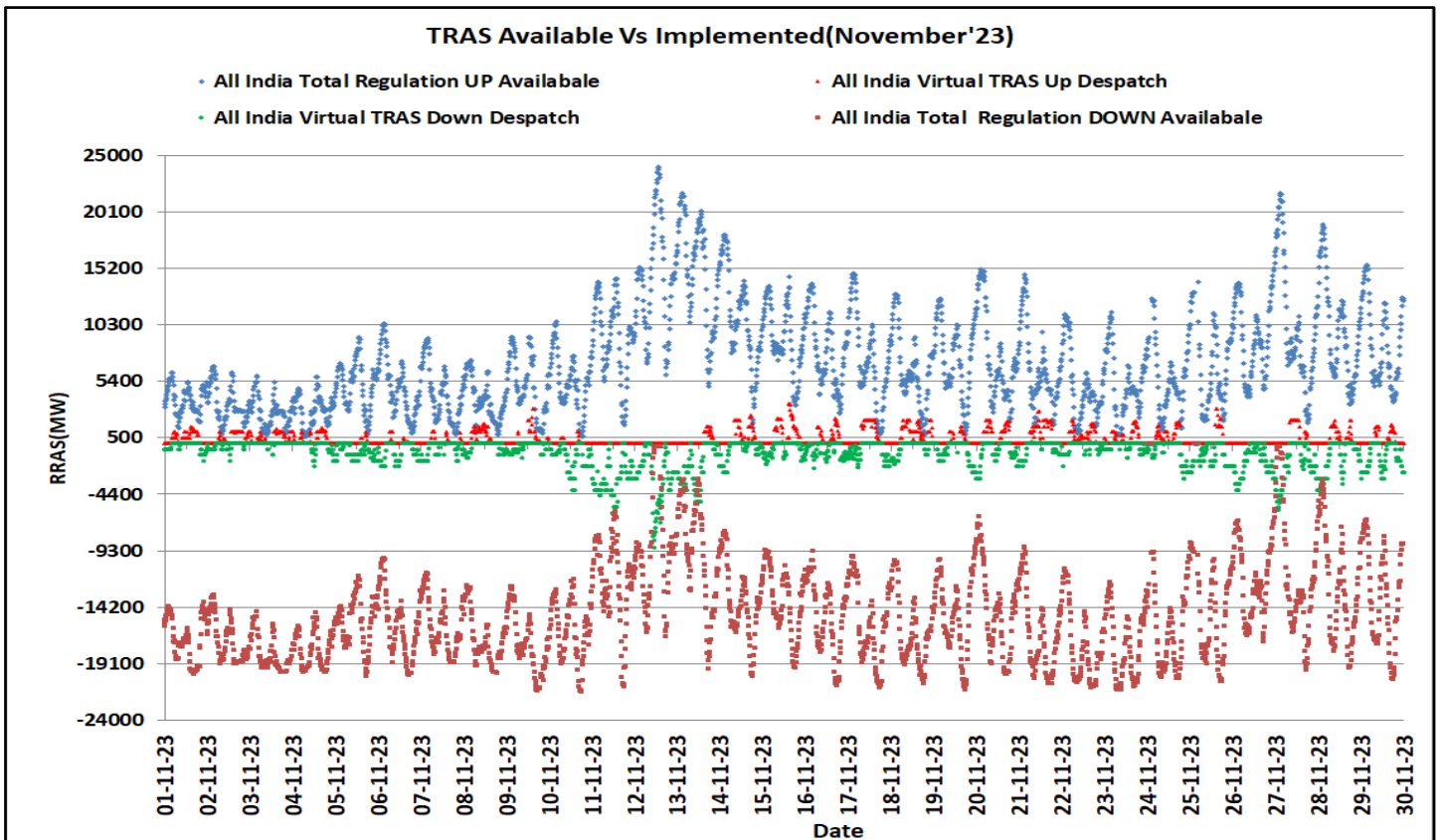
Region	Up Regulation (MU)	Down Regulation (MU)	Net Energy (MU)	Absolute Value (MU)	Average Variable Charges (Rs/Unit)
NR	48.32	71.36	-23.04	119.69	-0.06
SR	36.14	52.53	-16.38	88.67	1.87
WR	30.70	106.74	-76.03	137.44	0.00
ER	19.77	48.40	-28.63	68.17	2.51
NER	3.95	3.41	0.54	7.36	3.87
All India	139	282	-144	421.33	0.69

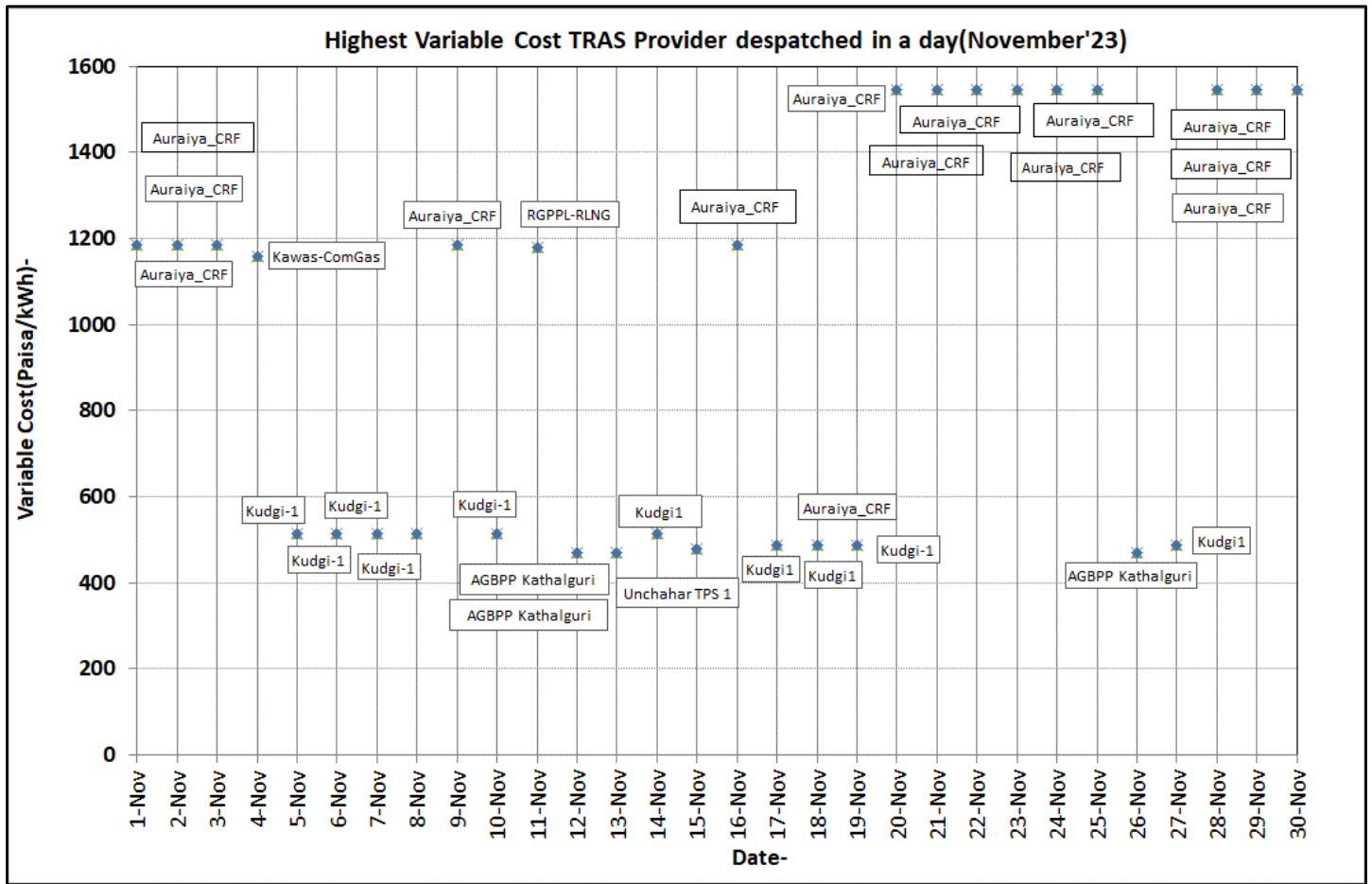


**Section-2: नवंबर,23 माह में आरक्षित का उपयोग/ Utilisation of reserves for October'23**

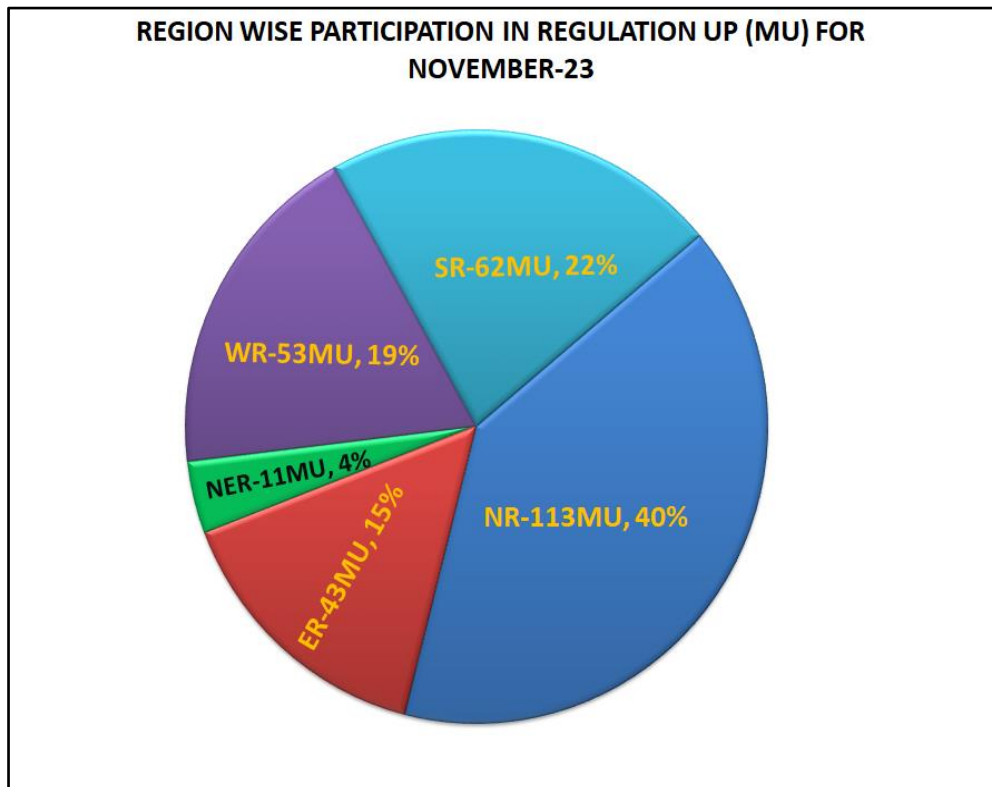


**Section-3: अनुषंगी सेवा प्रेषण (MW) /Ancillary Despatched (MW)**

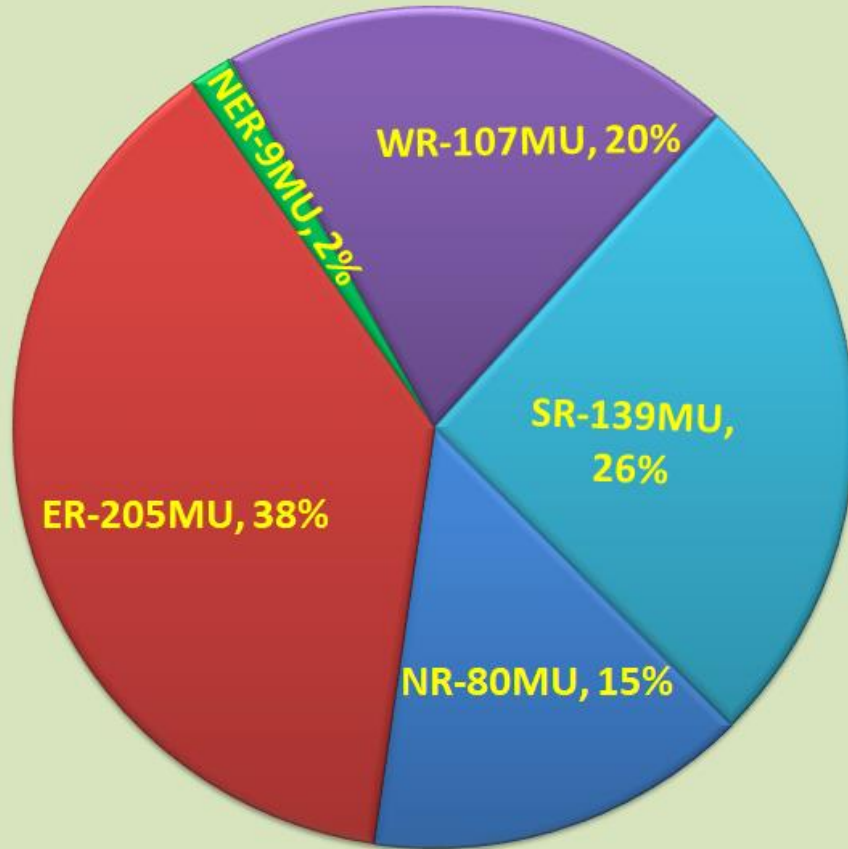




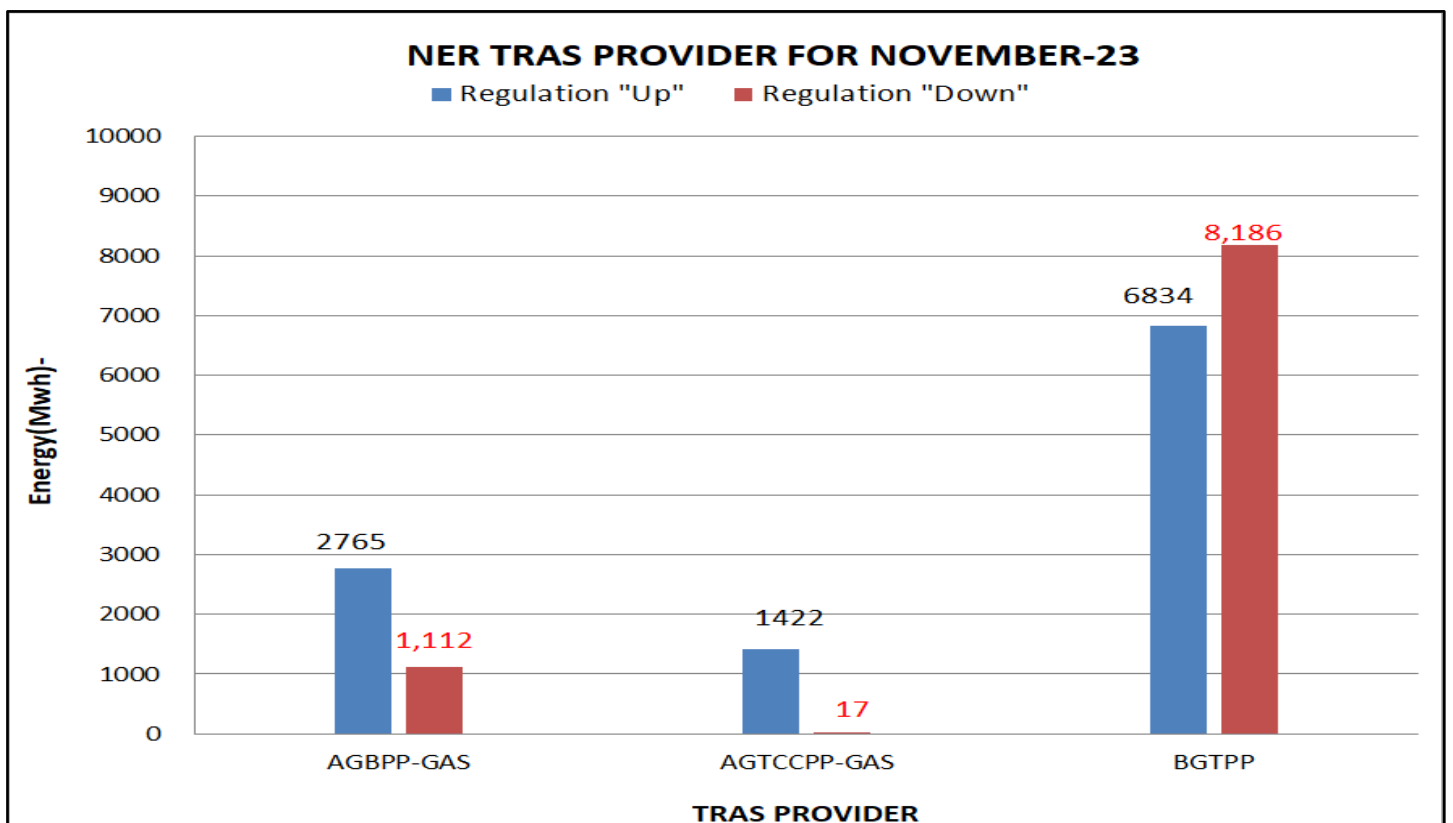
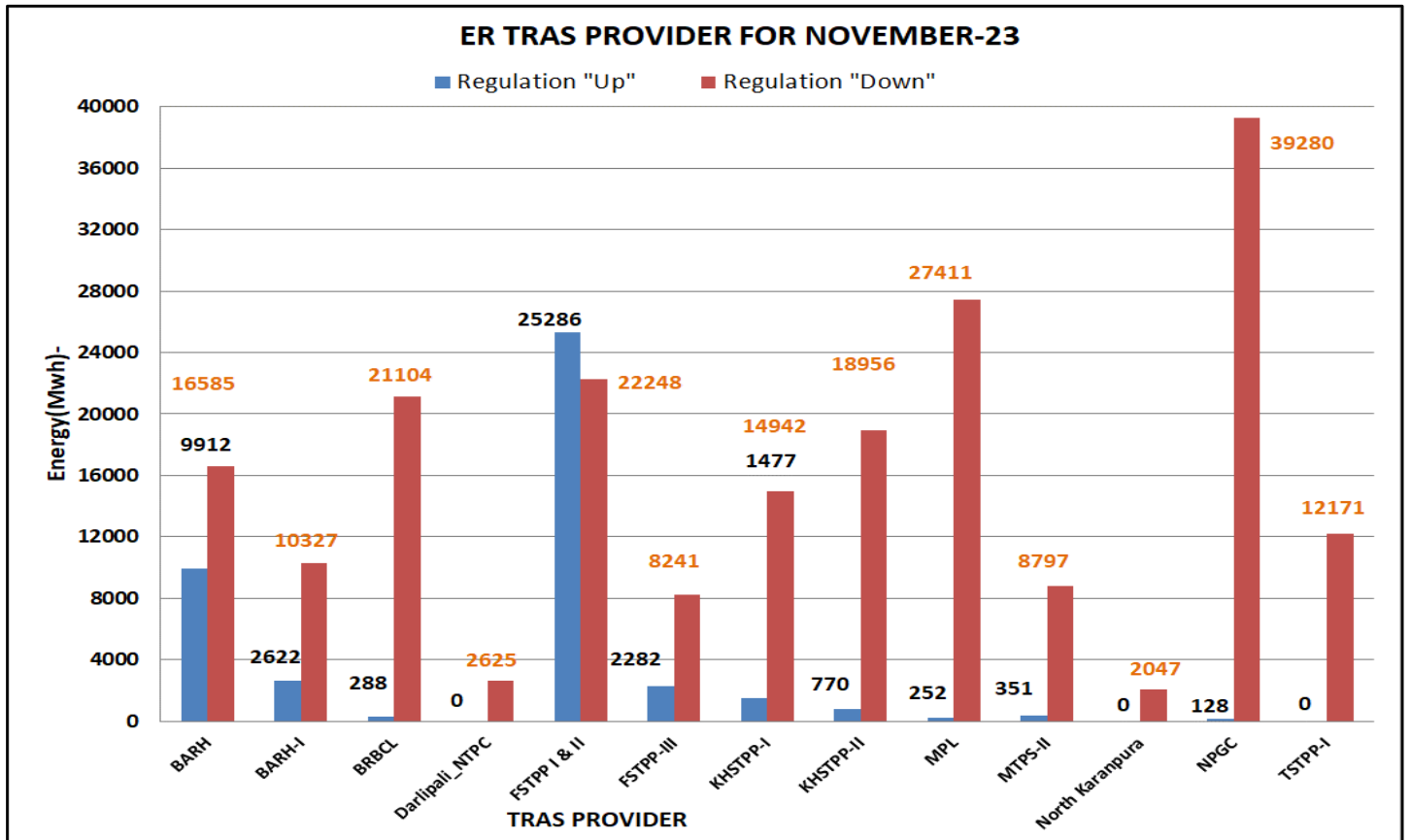
Section-4: अनुषंगी सेवा में क्षेत्रवार भागीदारी / Region wise participation in RRAS –



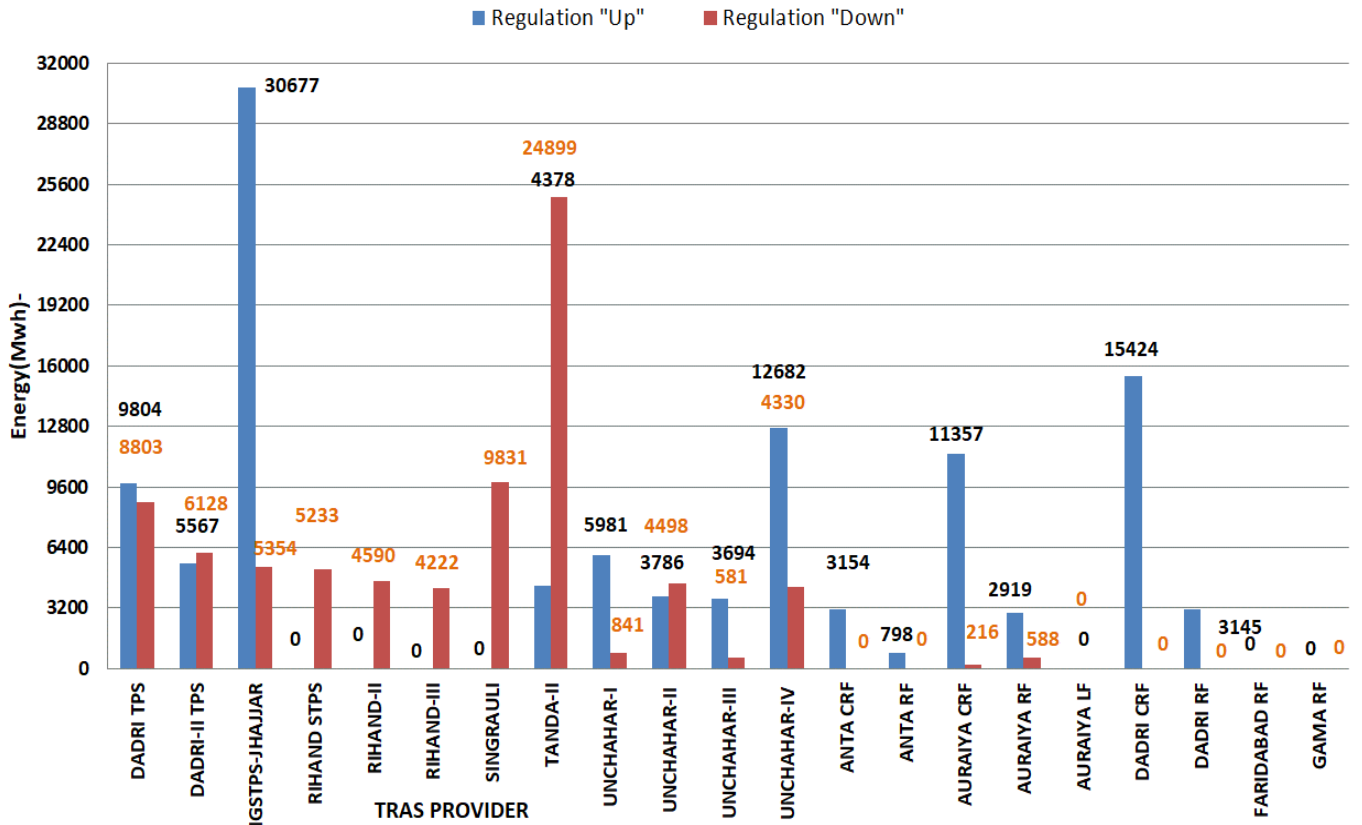
**REGION WISE PARTICIPATION IN REGULATION DOWN (MU) FOR  
NOVEMBER-23**



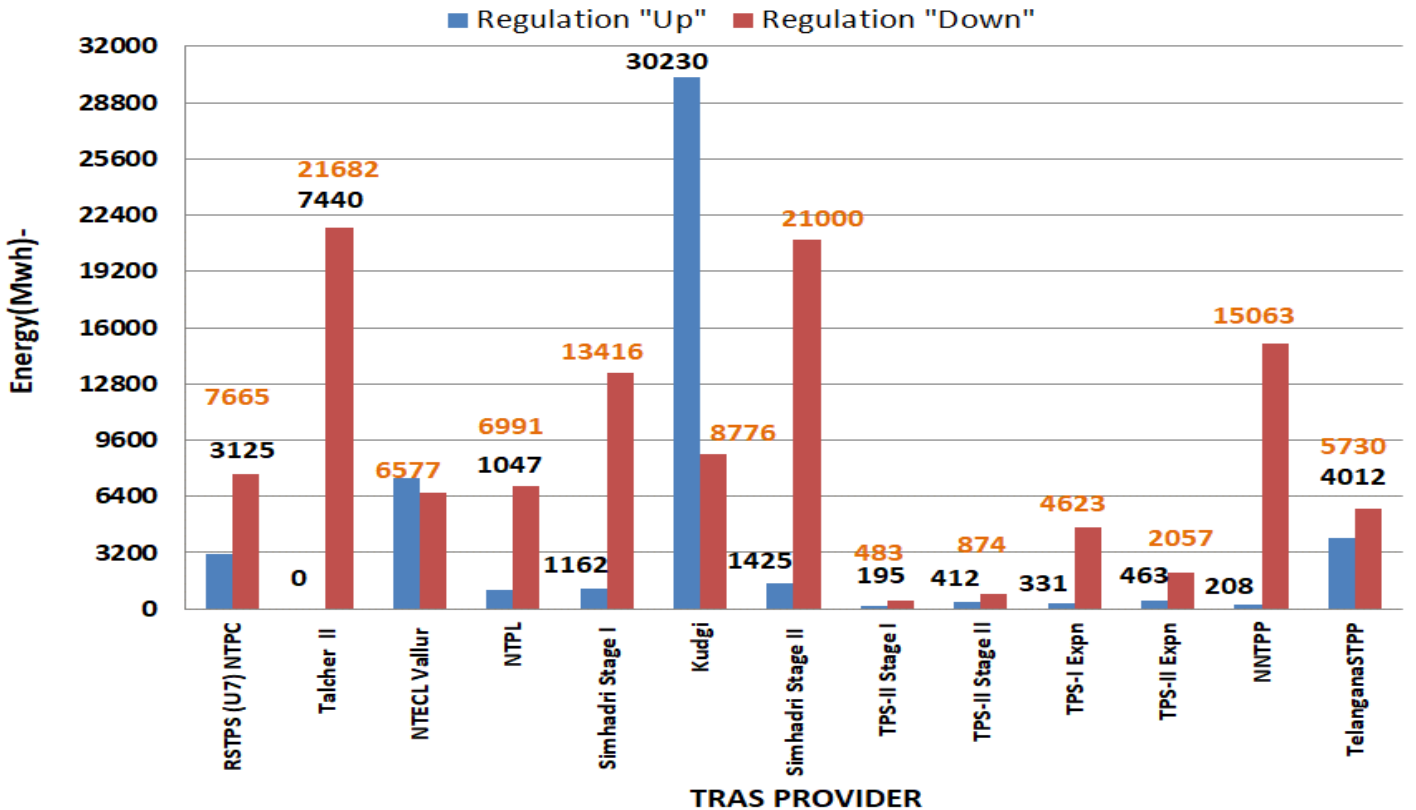
**Section 5: अनुषंगी सेवा(टीआरएस) में ऊर्जा प्रेषण का क्षेत्रवार विवरण /Region wise energy despatch in Ancillary services (TRAS)-**



### NR TRAS PROVIDER FOR NOVEMBER-23

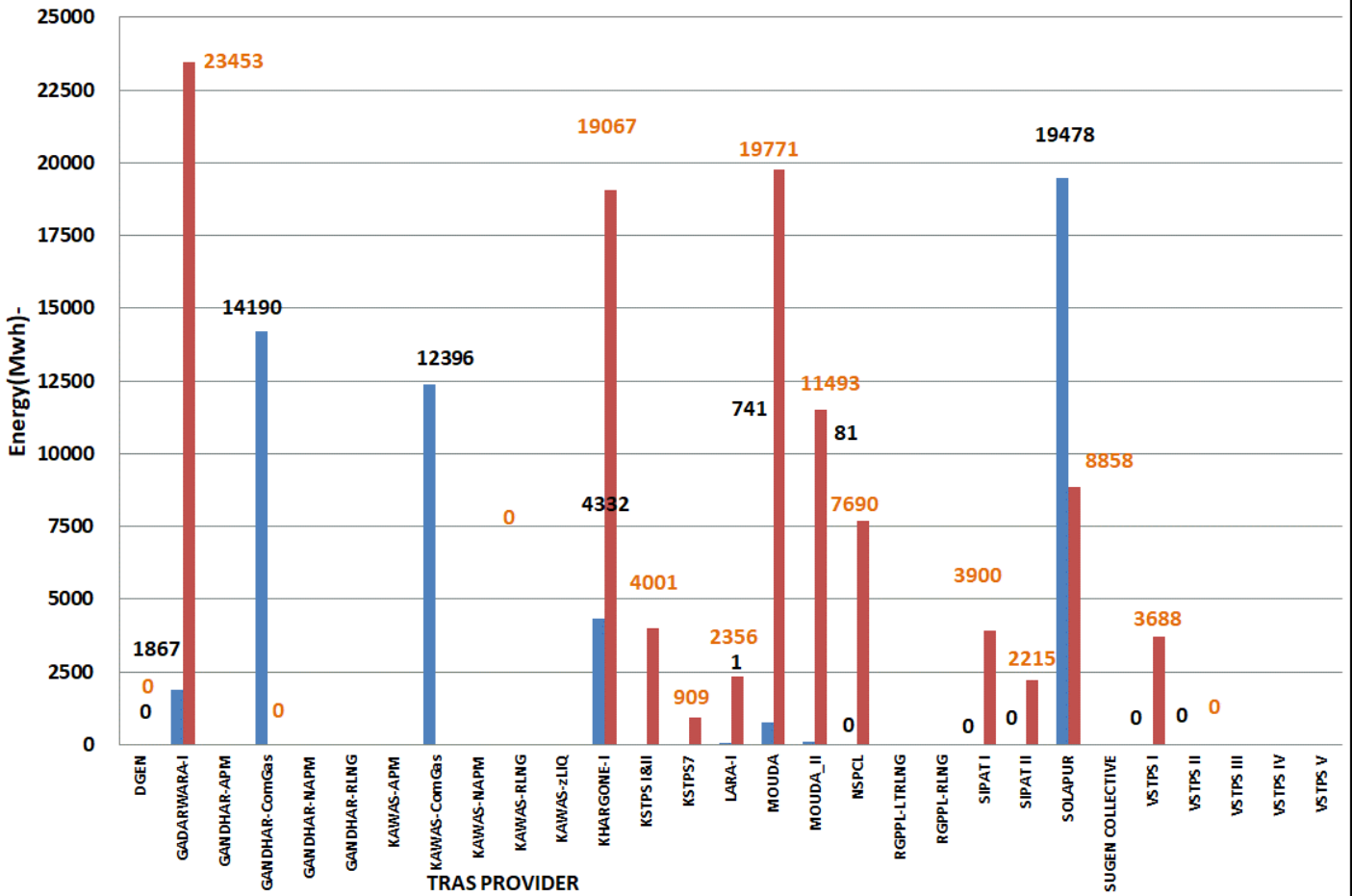


### SR TRAS PROVIDER FOR NOVEMBER-23



### WR TRAS PROVIDER NOVEMBER-23

■ Regulation "Up" ■ Regulation "Down"



**Section 6: टीआरएस प्रदाता की पेमेंट डिटेल्स शॉर्टफॉल/इमरजेंसी में /Payment Details of TRAS Provider(s) under Shortfall/Emergency from 30/10/23 to 26/11/23-**

S. No.	Region	TRAS Provider Name	Energy scheduled under Shortfall/Emergency TRAS-Up (MWh) (A)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Up (Rs) (B)	Energy scheduled under Shortfall/Emergency TRAS-Down (MWh) (C)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Down to be paid back to Pool(Rs) (D)	Net Charges (Rs) (E)=(B)-(D)
1	ER	BARH	9911.96	35924191	16585.36	48982462	-13058271
2	ER	BARH-I	2622.22	9276263	10326.74	28669674	-19393411
3	ER	BRBCL	287.99	866425	21104.35	52544197	-51677772
4	ER	Darlipali_NTP C	0	0	2625.27	2369827	-2369827
5	ER	FSTPP I & II	25285.93	103860745	22247.73	75048793	28811952
6	ER	FSTPP-III	2282.3	8164756	8241.08	24357694	-16192938
7	ER	KHSTPP-I	1477.24	5323953	14941.99	42608194	-37284241
8	ER	KHSTPP-II	770.15	2606522	18955.65	52573943	-49967421
9	ER	MPL	251.86	783200	27410.79	68392559	-67609359
10	ER	MTPS-II	351.49	1088230	8797.46	22472516	-21384286
11	ER	North Karanpura STPS	0	0	2047.24	2712177	-2712177
12	ER	NPGC	127.96	348639	39279.87	90177819	-89829180
13	ER	TSTPP-I	0	0	12171.26	19942825	-19942825
	<b>ER</b>	<b>Total</b>	<b>43369.1</b>	<b>168242924</b>	<b>204734.79</b>	<b>530852680</b>	<b>-362609756</b>
14	NER	AGBPP-GAS	2764.988	14296011	1111.796	4699511	9596501
15	NER	AGTCCPP-GAS	1422.358	6834141	17.208	67523	6766619
16	NER	BGTPP	6833.816	28982941	8186.298	28372812	610129
	<b>NER</b>	<b>Total</b>	<b>11021.162</b>	<b>50113093</b>	<b>9315.302</b>	<b>33139846</b>	<b>16973249</b>
17	NR	DADRI TPS	9804.1625	43640998	8802.73	32116200	11524798
18	NR	DADRI-II TPS	5566.8275	24652907	6128.1075	21695838	2957069
19	NR	IGSTPS-JHAJJAR	30677.0125	145211033	5353.7	20975431	124235602
20	NR	RIHAND STPS	0	0	5232.665	7478716	-7478716

S. No.	Region	TRAS Provider Name	Energy scheduled under Shortfall/Emergency TRAS-Up (MWh) (A)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Up (Rs) (B)	Energy scheduled under Shortfall/Emergency TRAS-Down (MWh) (C)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Down to be paid back to Pool(Rs) (D)	Net Charges (Rs) (E)=(B)-(D)
21	NR	RIHAND-II STPS	0	0	4590.4875	6544443	-6544443
22	NR	RIHAND-III STPS	0	0	4222.1775	5941613	-5941613
23	NR	SINGRAULI STPS	0	0	9830.5925	14073118	-14073118
24	NR	TANDA-II STPS	4378.3525	18135302	24899.2325	76603254	-58467952
25	NR	UNCHAHAAR-I TPS	5981.0925	30187506	840.55	3630420	26557086
26	NR	UNCHAHAAR-II TPS	3785.7375	16109245	4497.8575	15697069	412176
27	NR	UNCHAHAAR-III TPS	3694.175	17802394	580.8025	2384905	15417489
28	NR	UNCHAHAAR-IV TPS	12682.35	58509358	4330	16285982	42223376
29	NR	ANTA CRF	3153.855	51320475	0	0	51320475
30	NR	ANTA RF	798.325	10121643	0	0	10121643
31	NR	AURAIYA CRF	11357.4925	175470568	216.4125	2311351	173159217
32	NR	AURAIYA RF	2918.6125	37719980	588.415	5985240	31734740
33	NR	AURAIYA LF	0	0	0	0	0
34	NR	DADRI CRF	15423.5875	227290209	0	0	227290209
35	NR	DADRI RF	3144.5525	38709756	0	0	38709756
36	NR	FARIDABAD RF	0	0	0	0	0
37	NR	GAMA RF	0	0	0	0	0
	<b>NR</b>	<b>Total</b>	<b>113366.135</b>	<b>894881374</b>	<b>80113.73</b>	<b>231723580</b>	<b>663157794</b>
38	SR	RSTPS (U1-6) NTPC	11810.655	49134564	23945.035	80430559	-31295995
39	SR	RSTPS (U7) NTPC	3125.2525	12885925	7665.3825	25443348	-12557423
40	SR	Talcher II	0	0	21681.74	35127302	-35127302



S. No .	Region	TRAS Provider Name	Energy scheduled under Shortfall/Emergency TRAS-Up (MWh) (A)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Up (Rs) (B)	Energy scheduled under Shortfall/Emergency TRAS-Down (MWh) (C)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Down to be paid back to Pool(Rs) (D)	Net Charges (Rs) (E)=(B)-(D)
41	SR	NTECL Vallur	7439.9475	33648899	6576.6175	23888853	9760046
42	SR	NTPL	1046.615	3948610	6990.6775	21284361	-17335751
43	SR	Simhadri Stage I	1162.145	4231996	13415.9275	40308908	-36076912
44	SR	Kudgi	30229.5025	166793452	8775.855	39396545	127396907
45	SR	Simhadri Stage II	1424.8175	5142446	20999.82	62291590	-57149144
46	SR	TPS-II Stage I	195.0125	687668	483.1225	1395810	-708142
47	SR	TPS-II Stage II	412.41	1454149	874.0775	2524714	-1070565
48	SR	TPS-I Expn	331.07	1038765	4622.5875	11893019	-10854254
49	SR	TPS-II Expn	463.13	1549263	2057.4825	5627396	-4078133
50	SR	NNTPP	207.8825	588282	15063.45	34872666	-34284384
51	SR	TelanganaSTPP	4012.0925	16531165	5730.04	19232841	-2701676
	SR	<b>Total</b>	<b>61860.5325</b>	<b>297635184</b>	<b>138881.815</b>	<b>403717912</b>	<b>-106082728</b>
S. No .	Region	TRAS Provider Name	Energy scheduled under Shortfall/Emergency TRAS-Up (MWh) (A)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Up (Rs) (B)	Energy scheduled under Shortfall/Emergency TRAS-Down (MWh) (C)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Down to be paid back to Pool(Rs) (D)	Net Charges (Rs) (E)=(B)-(D)
52	WR	DGEN	0	0	0	0	0
53	WR	GADARWARA-I	1866.58	6799263	23452.52	60702235	-53902972
54	WR	GANDHAR-APM	0	0	0	0	0
55	WR	GANDHAR-ComGas	14189.64	305351707	0	0	305351707
56	WR	GANDHAR-NAPM	0	0	0	0	0

S. No.	Region	TRAS Provider Name	Energy scheduled under Shortfall/Emergency TRAS-Up (MWh) (A)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Up (Rs) (B)	Energy scheduled under Shortfall/Emergency TRAS-Down (MWh) (C)	Total charges/ Compensation charges for shortfall/Emergency TRAS-Down to be paid back to Pool(Rs) (D)	Net Charges (Rs) (E)=(B)-(D)
57	WR	GANDHAR-RLNG	0	0	0	0	0
58	WR	KAWAS-APM	0	0	0	0	0
59	WR	KAWAS-ComGas	12395.65	279863279	0	0	279863279
60	WR	KAWAS-NAPM	0	0	0	0	0
61	WR	KAWAS-RLNG	0	0	0	0	0
62	WR	KAWAS-zLIQ	0	0	0	0	0
63	WR	KHARGONE-I	4332.41	17128299	19067.21	60523963	-43395664
64	WR	KSTPS I&II	0	0	4000.71	4619620	-4619620
65	WR	KSTPS7	0	0	908.52	1029433	-1029433
66	WR	LARA-I	1.25	1933	2355.8	2981026	-2979093
67	WR	MOUDA	740.68	2441719	19770.5	54481585	-52039866
68	WR	MOUDA_II	81.21	278560	11492.77	31700094	-31421534
69	WR	NSPCL	0	0	7690.08	16195627	-16195627
70	WR	RGPP-LTRLNG	0	0	0	0	0
71	WR	RGPP-RLNG	0	0	0	0	0
72	WR	SIPAT I	0	0	3899.89	4548828	-4548828
73	WR	SIPAT II	0	0	2215.23	2669565	-2669565
74	WR	SOLAPUR	19477.68	93899967	8857.51	33880020	60019947
75	WR	SUGEN COLLECTIVE	0	0	0	0	0
76	WR	VSTPS I	0	0	3688.4	5359962	-5359962
77	WR	VSTPS II	0	0	0	0	0
78	WR	VSTPS III	0	0	0	0	0
79	WR	VSTPS IV	0	0	0	0	0
80	WR	VSTPS V	0	0	0	0	0
	<b>WR</b>	<b>Total</b>	<b>53085.1</b>	<b>705764727</b>	<b>107399.14</b>	<b>278691958</b>	<b>427072769</b>
<b>ALL INDIA</b>			<b>282702.0295</b>	<b>2116637302</b>	<b>540444.777</b>	<b>1478125976</b>	<b>638511328</b>

**Section 7: टीआरएस प्रदाता की पेमेंट डिटेल्स मार्केट में /Payments Details Of TRAS Provider(s) under Market from 30/10/2023 to 26/11/2023**

Region	TRAS Provider Name	TRAS-Up in Day Ahead AS Market				TRAS-Up Energy in Real Time As Market				Total Charges / compensation charges for TRAS Up (Rs)	TRAS-Down in Day Ahead As Market		TRAS-Down in Real Time As Market		Net Charges (Rs)
		TRAS-Up Cleared (MWh)	TRAS-Up Energy Scheduled (MWh)	TRAS-Up Energy Charges (Rs)	TRAS-Up Commitment Charges (Rs)	TRAS-Up Cleared (MWh)	TRAS-Up Energy Scheduled (MWh)	TRAS-Up Energy Charges (Rs)	TRAS-Up Commitment Charges (Rs)		TRAS-Down Energy Scheduled (Mwh)	TRAS-Down Charges to be paid back to Pool (Rs)	TRAS-Down Energy Scheduled (MWh)	TRAS-Down Charges to be paid back to Pool (Rs)	
ER		NIL													
NER		NIL													
NR	AUR AIYA CRF	3809.33	3586.255	7170.8337	4461.5	0	0	0	0	7175.2952	0	0	0	0	7175.2952
	DAD RI CRF	5153.593	1750	3499.8250	0	0	0	0	0	3499.8250	2965	0	0	0	3499.8250
SR		NIL													
WR		NIL													

**Section 8: एस.आर.ए.एस प्रदाता को डीएसएम पूल से भुगतान/Payment to the SRAS Provider from the DSM Pool from 30/10/23 to 26/11/23-**

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
1	CHAMERA HEP	NR	0	0	0	0	0	0
2	CHAMERA-II HEP	NR	0	0	0	0	0	0
3	CHAMERA-III HEP	NR	15	81	-66	-137801	42570	-95231
4	DADRI-II TPS	NR	4571	4997	-426	-1456060	4783772	3327713
5	KOTESHWAR	NR	1848	438	1410	3872748	697725	4570471
6	NATHPA JHAKRI HEP	NR	11	7	3	3819	8948	12767
7	RIHAND STPS	NR	406	9437	-9032	-14388915	4076967	-10311946
8	RIHAND-II STPS	NR	435	8723	-8288	-13174676	3523819	-9650856
9	RIHAND-III STPS	NR	236	11274	-11037	-17330358	4568901	-12761457
10	DULHASTI HEP	NR	0	0	0	0	0	0
11	RAMPUR HEP	NR	3	2	1	1782	2416	4198
12	TEHRI HEP	NR	1255	2717	-1461	-3090941	1045097	-2045844
13	DHAULIGANGA HEP	NR	0	0	0	0	0	0
14	BAIRASIUL HEP	NR	0	0	0	0	0	0
15	UNCHAHAHAR-III TPS	NR	1011	304	707	3221844	174549	3396393
16	UNCHAHAHAR-IV TPS	NR	4289	1786	2503	10481294	1215777	11697073
17	SINGRAULI STPS	NR	289	7149	-6860	-10855565	2956740	-7898824
18	IGSTPS-JHAJJAR	NR	10332	6327	4004	17310361	4799119	22109480

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
19	UNCHAHAR-II TPS	NR	5494	1875	3619	14029406	781291	14810698
20	TANDA-II STPS	NR	5944	7296	-1352	-4117467	6110567	1993100
21	Auraiya GPP	NR	0	0	0	0	0	0
22	Dadri GPP	NR	0	0	0	0	0	0
23	SEWA-II HEP	NR	38	267	-229	-505480	125291	-380190
24	DADRI TPS	NR	10976	5328	5648	22878567	5759268	28637834
25	KOLDAM HEP	NR	1172	3355	-2183	-5364191	2254276	-3109914
26	Simhadri St-II	SR	3935	7043	-3108	-10231167	4109917	-6121250
27	RSTPS1-6	SR	4221	10651	-6430	-21938066	3157521	-18780545
28	RSTPS7	SR	3951	2903	1049	4107068	2491908	6598976
29	NTECL	SR	4220	3577	643	2696571	3183708	5880279
30	NTPL	SR	4446	5375	-929	-2951683	2853866	-97817
31	Simhadri St-I	SR	3424	7620	-4196	-13996800	5019927	-8976873
32	KUDGI	SR	11562	5333	6229	31112445	5020880	36133325
33	NLC TPS2	SR	0	0	0	0	0	0
34	NLC TPS1 Exp	SR	305	2298	-1993	-5695200	167539	-5527661
35	Talcher2	SR	76	7711	-7634	-13649692	3094853	-10554839
36	NNTPP	SR	0	15	-15	-37382	7290	-30092
37	CGPL	WR	0	0	0	0	0	0

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
	DGEN	WR	0	0	0	0	0	0
38	GADARWARA-I	WR	4278	7309	-3031	-8061314	4279074	-3782239
39	GANDHAR	WR	0	0	0	0	0	0
40	KHARGONE-I	WR	12045	7238	4807	17273997	6262730	23536727
41	KSTPS I&II	WR	547	15761	-15215	-19562008	4967468	-14594540
42	KSTPS7	WR	46	4677	-4631	-5840390	1544982	-4295408
43	LARA-I	WR	230	4983	-4753	-6661147	2044511	-4616635
44	MOUDA	WR	1900	5940	-4040	-12228773	2911244	-9317529
45	MOUDA_II	WR	1287	7730	-6443	-19720296	2373877	-17346418
46	NSPCL	WR	257	3545	-3288	-7680326	1765955	-5914371
47	SIPAT I	WR	77	12361	-12284	-16498420	5020005	-11478415
48	SIPAT II	WR	119	9410	-9291	-12918126	3783901	-9134225
49	SOLAPUR	WR	7575	4525	3049	13326126	5243729	18569856
50	VSTPS II	WR	319	8329	-8010	-12452451	4057014	-8395438
51	VSTPS III	WR	403	5539	-5137	-7906362	2202148	-5704215
52	VSTPS IV	WR	585	6722	-6137	-9338023	2895273	-6442751
53	VSTPS V	WR	1038	2664	-1626	-2561037	753497	-1807539
54	KAWAS	WR	0	0	0	0	0	0
55	Barh	ER	2636	3210	-574	-1956380	2593621	637241

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
56	KHSTPP-II	ER	4437	8131	-3694	-11379977	3955024	-7424953
57	MPL	ER	1370	5617	-4247	-11678310	3331178	-8347132
58	MTPS-II	ER	233	3029	-2796	-7915028	1389363	-6525665
59	NPGC	ER	2620	13679	-11059	-28231535	5661614	-22569921
60	Teesta-V	ER	0	0	0	0	0	0
61	FSTPP I & II	ER	3820	2789	1032	3792879	984090	4776969
62	FSTPP-III	ER	1281	1589	-308	-1020483	1226480	205997
63	BARH-I	ER	1655	2115	-460	-1356526	878756	-477770
64	TSTPP-I	ER	90	6851	-6762	-12256177	2385649	-9870528
65	Darlipali_NTPC	ER	1630	1394	236	236309	1121874	1358183
66	Bongaigaon	NER	3951	3411	541	2090080	3571648	5661726
67	Loktak	NER	0	0	0	0	0	0
	<b>Total</b>	<b>All India</b>	<b>138894</b>	<b>282439</b>	<b>-143546</b>	<b>-209709237</b>	<b>149239207</b>	<b>-60470025</b>