



सत्यमेव जयते

भारत सरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

**Northern Regional Power Committee**

सं. उक्षेविस/वाणिज्यिक/204/रिएक्टिव /2022/12411-12426

दिनांक: 19 दिसंबर, 2022

No. NRPC/Comml/204/ Reactive/2022/12411-12426

Dated: 19 December, 2022

(भुगतान की तिथि: 29.12.2022 या उससे पहले)

(Due Date of Payment: On or before: 29.12.2022)

सेवा में/ To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 28 नवंबर से 04 दिसंबर, 2022 के सप्ताह का रिएक्टिव ऊर्जा लेखा।

Subject: **Account of Reactive Charges for the week 28<sup>th</sup> November to 04<sup>th</sup> December 2022.**

(सप्ताहसं. WEEK No. 36/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (भारतीय विद्युत ग्रिडकोड) विनियम, 2010 व तत्संबंधी संशोधनों के अनुसार तैयार किये गए 28 नवंबर से 04 दिसंबर, 2022 के सप्ताह के रिएक्टिव ऊर्जा लेखा का विवरण संलग्न है (प्रति <http://164.100.60.165> पर भी उपलब्ध है)।

Please find enclosed herewith the Statement of Reactive Energy charges for the week 28<sup>th</sup> November to 04<sup>th</sup> December, 2022 (copy available on <http://164.100.60.165>) prepared in accordance with Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010 and amendments thereof.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

अधीक्षण अभियंता / Superintending Engineer

**Northern Regional Power Committee**  
**Reactive Energy Account For The Week 28-11-2022 To 04-12-2022**  
**STATEMENT OF REACTIVE ENERGY CHARGES PAYABLE/RECEIVABLE**  
**(All Figs. in Rs. Lakh)**

<b>Constituents</b>	<b>Payable</b>		<b>Constituents</b>	<b>Receivable</b>
DELHI	110.04768	:	POOL	349.48720
JAMMU AND KASHMIR	102.97488	:	UTTARAKHAND	42.31728
UTTAR PRADESH	28.74784	:	RAJASTHAN	25.82864
CHANDIGARH	0.34352	:	HARYANA	20.28720
		:	PUNJAB	17.78112
		:	HIMACHAL PRADESH	10.35744
<b>Total</b>	<b>242.11392</b>		<b>Total</b>	<b>466.05888</b>

Note: The statement has been prepared as per decision taken in 27th commercial sub committee meeting held on 30-10-2014

**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 28/11/2022 To 4/12/2022**

**ABSTRACT OF REACTIVE ENERGY CHARGES**

Charges due to Reactive energy exchanges with ISTS/BBMB system under low/high voltage condition

(Payable into / receivable from Pool)

(All Figs. in Rs. Lakh)

<b>Name of Constituent</b>	<b>Payable By Constituent</b>	<b>Receivable By Constituent</b>
CHANDIGARH	0.34352	0.00000
DELHI	110.04768	0.00000
HIMACHAL PRADESH	0.00000	10.35744
HARYANA	0.00000	20.28720
J & K	102.97488	0.00000
PUNJAB	0.00000	17.78112
RAJASTHAN	0.00000	25.82864
UTTARAKHAND	0.00000	42.31728
UTTAR PRADESH	28.74784	0.00000
<b>Total Payable / Receivable :-</b>	<b>242.11392</b>	<b>116.57168</b>









**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 28/11/2022 To 4/12/2022**  
**Reactive Energy export(-) / import(+) under high & low voltage condition**  
**And Reactive Energy Charges thereof**  
**(Reactive Energy Exchange in MVARH & Charges in Rs.)**

State	Constituent	Drawl_Point	HV1	LV1	HV2	LV2	HV3	LV3	HV4	LV4	HV5	LV5	HV6	LV6	HV7	LV7	Total_HV	Total_LV	Charges_HV	Charges_LV
UTTARAKHAND:	ISTS	Dehradun-PG	1447.90	0.00	1474.50	0.00	1088.00	0.00	1408.30	0.00	1131.30	0.00	1670.20	0.00	1736.10	0.00	9956.30	0.00	-1593008.00	0.00
	ISTS	Kashipur-UPCL	1105.50	0.00	1319.20	0.00	1013.80	0.00	1156.40	0.00	947.00	0.00	1315.60	0.00	1245.10	0.00	8102.60	0.00	-1296416.00	0.00
	ISTS	PITHORAGARH (PG)	-63.80	0.00	-49.70	0.00	-0.10	-0.20	-0.30	2.60	-15.10	1.20	-43.80	0.00	-62.10	0.00	-234.90	3.60	37584.00	576.00
	ISTS	Roorkee-PG	604.20	0.00	704.20	0.00	611.10	0.00	722.60	0.00	584.20	0.00	804.90	0.00	790.10	0.00	4821.30	0.00	-771408.00	0.00
	ISTS	SITARGANJ	88.00	54.10	77.80	5.40	68.30	0.00	62.00	42.80	54.10	32.70	81.60	2.00	86.60	11.00	518.40	148.00	-82944.00	23680.00
	ISTS	Sitarganj-PG	79.00	0.00	82.80	0.00	72.00	0.00	66.20	0.00	57.80	0.00	87.40	0.00	93.40	0.00	538.60	0.00	-86176.00	0.00
	ISTS	SRINAGAR-PTCUL	414.40	0.00	384.00	0.00	404.80	0.00	424.00	0.00	398.40	0.00	432.00	0.00	440.00	0.00	2897.60	0.00	-463616.00	0.00
	ISTS Total		<b>3675.20</b>	<b>54.10</b>	<b>3992.80</b>	<b>5.40</b>	<b>3257.90</b>	<b>-0.20</b>	<b>3839.20</b>	<b>45.40</b>	<b>3157.70</b>	<b>33.90</b>	<b>4347.90</b>	<b>2.00</b>	<b>4329.20</b>	<b>11.00</b>	<b>26599.90</b>	<b>151.60</b>	<b>-4255984.00</b>	<b>24256.00</b>
UTTARAKHAND: Total			<b>3675.20</b>	<b>54.10</b>	<b>3992.80</b>	<b>5.40</b>	<b>3257.90</b>	<b>-0.20</b>	<b>3839.20</b>	<b>45.40</b>	<b>3157.70</b>	<b>33.90</b>	<b>4347.90</b>	<b>2.00</b>	<b>4329.20</b>	<b>11.00</b>	<b>26599.90</b>	<b>151.60</b>	<b>-4255984.00</b>	<b>24256.00</b>
Net Charges Total																				<b>-4231728.00</b>



**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 28/11/2022 To 4/12/2022**  
**ABSTRACT OF INTER-CONSTITUENT REACTIVE ENERGY CHARGES**

<b>Payable By</b>	<b>Payable To</b>	<b>Charges (in Rs. Lakh)</b>
CHANDIGARH	PUNJAB	0.43392
<b>CHANDIGARH Total :-</b>		<b>0.43392</b>
HIMACHAL PRADESH	HARYANA	0.03376
	PUNJAB	0.00000
	UTTARAKHAND	0.00000
<b>HIMACHAL PRADESH Total :-</b>		<b>0.03376</b>
HARYANA	CHANDIGARH	0.00000
	HIMACHAL PRADESH	0.00000
	HARYANA	0.00000
	PUNJAB	0.00000
<b>HARYANA Total :-</b>		<b>0.00000</b>
J & K	PUNJAB	0.01376
<b>J &amp; K Total :-</b>		<b>0.01376</b>
PUNJAB	CHANDIGARH	0.00000
	HIMACHAL PRADESH	0.00000
	HARYANA	0.00000
	J & K	0.00000
<b>PUNJAB Total :-</b>		<b>0.00000</b>
RAJASTHAN	DELHI	0.00000
	UTTAR PRADESH	0.00000
<b>RAJASTHAN Total :-</b>		<b>0.00000</b>
UTTARAKHAND	HIMACHAL PRADESH	0.80688
	UTTAR PRADESH	0.00000
<b>UTTARAKHAND Total :-</b>		<b>0.80688</b>
UTTAR PRADESH	HARYANA	0.00000
	UTTARAKHAND	0.00000
<b>UTTAR PRADESH Total :-</b>		<b>0.00000</b>
<b>Grand Total :-</b>		<b>1.28832</b>

**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 28/11/2022 To 4/12/2022**  
**Charges due to inter-constituent Reactive energy exchanges under low/high voltage condition**

<b>Payable By</b>	<b>Payable To</b>	<b>Charges (in Rs. Lakh)</b>
CHANDIGARH	PUNJAB	0.70224
HIMACHAL PRADESH	HARYANA	0.03376
	PUNJAB	-0.80112
	UTTARAKHAND	-1.82672
HARYANA	CHANDIGARH	0.00000
	HIMACHAL PRADESH	-0.15792
	HARYANA	0.00448
	PUNJAB	-0.26272
J & K	PUNJAB	0.01376
PUNJAB	CHANDIGARH	-0.43392
	HIMACHAL PRADESH	-0.54848
	HARYANA	-0.50720
	J & K	-0.01376
RAJASTHAN	DELHI	2.99360
	UTTAR PRADESH	5.43408
UTTARAKHAND	HIMACHAL PRADESH	0.80688
	UTTAR PRADESH	-16.63248
UTTAR PRADESH	HARYANA	-6.16848
	UTTARAKHAND	-12.75104



**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 28/11/2022 To 4/12/2022**  
**Inter-Constituent Reactive Energy export(-) / import(+) under high & low voltage condition**  
**And Reactive Energy Charges thereof**  
**(Reactive Energy Exchange in MVARH & Charges in Rs.)**

UTTAR PRADESH:	HARYANA	Greater Noida-UPPCL	711.30	0.00	564.40	0.00	448.00	0.00	525.80	0.00	442.90	0.00	468.40	0.00	694.50	0.00	3855.30	0.00	-61684.00	0.00
	<b>HARYANA Total</b>		<b>711.30</b>	<b>0.00</b>	<b>564.40</b>	<b>0.00</b>	<b>448.00</b>	<b>0.00</b>	<b>525.80</b>	<b>0.00</b>	<b>442.90</b>	<b>0.00</b>	<b>468.40</b>	<b>0.00</b>	<b>694.50</b>	<b>0.00</b>	<b>3855.30</b>	<b>0.00</b>	<b>-61684.00</b>	<b>0.00</b>
	UTTARAKHAND	AFZALGARH (UPPCL)	-9.20	0.00	-7.90	0.00	-6.10	0.00	-7.60	0.10	-7.60	0.00	-9.30	0.30	-10.90	0.00	-58.60	0.40	9376.00	64.00
	UTTARAKHAND	DHAMPUR	-31.40	0.00	-28.40	0.00	-30.80	0.00	-33.70	0.00	-32.80	0.00	-35.60	0.00	-34.20	0.00	-226.90	0.00	36304.00	0.00
	UTTARAKHAND	MORADABAD	549.10	0.00	554.90	0.00	444.40	0.00	532.40	0.00	520.00	0.00	549.10	0.00	562.20	0.00	3712.10	0.00	-593936.00	0.00
	UTTARAKHAND	MUZAFFARNAGAR	93.20	0.00	196.50	0.00	96.80	0.00	64.20	-9.80	140.30	-9.90	152.20	0.00	211.80	0.00	955.00	-19.70	-152800.00	-3152.00
	UTTARAKHAND	NAZIBABAD	9.90	0.00	16.20	0.00	2.90	0.00	12.50	0.00	11.30	0.00	11.10	0.00	11.90	0.00	75.80	0.00	-12128.00	0.00
	UTTARAKHAND	Nehtaur	347.30	78.20	245.50	1.80	7.30	67.30	105.50	120.00	170.90	74.50	232.70	0.00	365.50	0.00	1474.70	341.80	-235952.00	54688.00
	UTTARAKHAND	PILIBHIT	62.60	0.00	69.40	0.00	60.50	0.00	137.90	0.00	68.50	0.00	63.40	0.00	79.50	0.00	541.80	0.00	-86688.00	0.00
	UTTARAKHAND	SAHARANPUR	257.90	0.00	244.60	0.00	245.30	0.00	243.50	0.00	253.40	0.00	266.10	0.00	307.20	0.00	1818.00	0.00	-290880.00	0.00
	<b>UTTARAKHAND Total</b>		<b>1279.40</b>	<b>78.20</b>	<b>1290.80</b>	<b>1.80</b>	<b>820.30</b>	<b>67.30</b>	<b>1054.70</b>	<b>110.30</b>	<b>1124.00</b>	<b>64.60</b>	<b>1229.70</b>	<b>0.30</b>	<b>1493.00</b>	<b>0.00</b>	<b>8291.90</b>	<b>322.50</b>	<b>-1326704.00</b>	<b>51600.00</b>
<b>UTTAR PRADESH: Total</b>			<b>1990.70</b>	<b>78.20</b>	<b>1855.20</b>	<b>1.80</b>	<b>1268.30</b>	<b>67.30</b>	<b>1580.50</b>	<b>110.30</b>	<b>1566.90</b>	<b>64.60</b>	<b>1698.10</b>	<b>0.30</b>	<b>2187.50</b>	<b>0.00</b>	<b>12147.20</b>	<b>322.50</b>	<b>-1943552.00</b>	<b>51600.00</b>
<b>Net Charges Total</b>																				<b>-1891952.00</b>
UTTARAKHAND:	HIMACHAL PRADESH	KHODRI	-77.80	0.00	-119.70	0.00	-45.40	0.00	-64.50	0.00	-70.20	0.00	-74.90	0.00	-51.80	0.00	-504.30	0.00	80688.00	0.00
	HIMACHAL PRADESH	KULHAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>HIMACHAL PRADESH Total</b>		<b>-77.80</b>	<b>0.00</b>	<b>-119.70</b>	<b>0.00</b>	<b>-45.40</b>	<b>0.00</b>	<b>-64.50</b>	<b>0.00</b>	<b>-70.20</b>	<b>0.00</b>	<b>-74.90</b>	<b>0.00</b>	<b>-51.80</b>	<b>0.00</b>	<b>-504.30</b>	<b>0.00</b>	<b>80688.00</b>	<b>0.00</b>
	UTTAR PRADESH	KASHIPUR	557.80	0.00	592.00	0.00	548.40	0.00	566.50	0.00	619.60	0.00	674.90	0.00	626.90	0.00	4186.10	0.00	-669776.00	0.00
	UTTAR PRADESH	Kashipur-UPCL	-234.20	0.00	-274.90	0.00	-321.50	0.00	-253.80	0.00	-220.40	0.00	-273.50	0.00	-328.00	0.00	-1906.30	0.00	305008.00	0.00
	UTTAR PRADESH	KHODRI	-149.30	-2.40	-115.60	-0.30	-130.90	0.00	-123.20	-1.90	-137.80	0.00	-153.80	0.00	-211.00	0.00	-1021.60	-4.60	163456.00	-736.00
	UTTAR PRADESH	KICHHA	22.20	0.00	22.50	0.00	16.50	0.00	18.90	0.00	17.20	1.20	18.80	0.00	21.90	0.00	138.00	1.20	-22080.00	192.00
	UTTAR PRADESH	PANTNAGAR	60.60	0.00	89.30	0.00	103.70	3.50	76.80	16.20	58.70	36.30	84.80	0.00	105.00	0.00	578.90	56.00	-92624.00	8960.00
	UTTAR PRADESH	RISHIKESH	74.20	0.00	98.20	0.00	226.90	0.00	240.70	0.70	86.50	0.00	122.20	0.00	324.40	0.00	1173.10	0.70	-187696.00	112.00
	UTTAR PRADESH	ROORKEE	113.80	0.20	76.00	18.10	65.30	33.60	53.60	41.80	39.00	33.80	50.60	9.30	117.00	33.60	515.30	170.40	-82448.00	27264.00
	UTTAR PRADESH	SITARGANJ	-36.50	0.00	-18.20	0.00	-11.00	0.00	-19.80	0.00	-16.10	0.00	-14.10	0.00	-22.00	0.00	-137.70	0.00	22032.00	0.00
	UTTAR PRADESH	Strinagar-PTCUL	1032.00	0.00	1036.40	0.00	963.70	0.00	1066.20	0.00	1055.20	0.00	1048.00	0.00	891.70	0.00	7093.20	0.00	-1134912.00	0.00
	<b>UTTAR PRADESH Total</b>		<b>1440.60</b>	<b>-2.20</b>	<b>1505.70</b>	<b>17.80</b>	<b>1461.10</b>	<b>37.10</b>	<b>1625.90</b>	<b>56.80</b>	<b>1501.90</b>	<b>71.30</b>	<b>1557.90</b>	<b>9.30</b>	<b>1525.90</b>	<b>33.60</b>	<b>10619.00</b>	<b>223.70</b>	<b>-1699040.00</b>	<b>35792.00</b>
<b>UTTARAKHAND: Total</b>			<b>1362.80</b>	<b>-2.20</b>	<b>1386.00</b>	<b>17.80</b>	<b>1415.70</b>	<b>37.10</b>	<b>1561.40</b>	<b>56.80</b>	<b>1431.70</b>	<b>71.30</b>	<b>1483.00</b>	<b>9.30</b>	<b>1474.10</b>	<b>33.60</b>	<b>10114.70</b>	<b>223.70</b>	<b>-1618352.00</b>	<b>35792.00</b>
<b>Net Charges Total</b>																				<b>-1582560.00</b>