



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/204/रिएक्टिव /2023/2574-2589

दिनांक: 10 मार्च, 2023

No. NRPC/Comml/204/ Reactive/2023/2574-2589

Dated: 10 March, 2023

(भुगतान की तिथि: 20.03.2023 या उससे पहले)

(Due Date of Payment: On or before: 20.03.2023)

सेवा में/ To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 20 से 26 फरवरी, 2023 के सप्ताह का रिएक्टिव ऊर्जा लेखा।

Subject: **Account of Reactive Charges for the week 20<sup>th</sup> to 26<sup>th</sup> February, 2023.**(सप्ताह सं. WEEK No. 48/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (भारतीय विद्युत ग्रिडकोड) विनियम, 2010 वतत्संबंधी संशोधनों के अनुसार तैयार किये गए 20 से 26 फरवरी, 2023 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 20<sup>th</sup> to 26<sup>th</sup> February, 2023(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-

(संतोषकुमार)/(Santosh Kumar)

अधीक्षण अभियंता/ Superintending Engineer

**Northern Regional Power Committee**  
**Reactive Energy Account For The Week 20-02-2023 To 26-02-2023**  
**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	90.65616	:	POOL	795.13456
UTTAR PRADESH	17.24944	:	PUNJAB	50.15824
		:	UTTARAKHAND	37.51536
		:	HARYANA	32.96320
		:	JAMMU AND KASHMIR	24.67728
		:	RAJASTHAN	8.47040
		:	HIMACHAL PRADESH	4.16928
		:	CHANDIGARH	0.04896
<b>Total</b>	<b>107.90560</b>		<b>Total</b>	<b>953.13728</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 20/02/2023 To 26/02/2023**  
**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	0.00000	0.04896
DELHI	90.65616	0.00000
HIMACHAL PRADESH	0.00000	4.16928
HARYANA	0.00000	32.96320
J & K	0.00000	24.67728
PUNJAB	0.00000	50.15824
RAJASTHAN	0.00000	8.47040
UTTARAKHAND	0.00000	37.51536
UTTAR PRADESH	17.24944	0.00000
<b>Total Payable / Receivable :-</b>	<b>107.90560</b>	<b>158.00272</b>









**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 20/02/2023 To 26/02/2023**  
**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	519.90	0.00	864.90	0.00	2170.10	0.00	1495.90	0.00	1648.60	0.00	1825.70	0.00	1706.60	0.00	10231.70	0.00	-1637072.00	0.00
	ISTS	Kashipur-UPCL	493.10	0.00	345.30	0.00	476.50	0.00	658.10	0.00	921.40	0.00	867.70	0.00	1231.30	0.00	4993.40	0.00	-798944.00	0.00
	ISTS	PITHORAGARH (PG)	-26.90	0.00	0.00	0.00	-4.50	-0.10	-13.50	0.00	-19.00	0.00	-56.70	0.00	-29.90	0.00	-150.50	-0.10	24080.00	-16.00
	ISTS	Roorkee-PG	600.20	0.20	310.10	0.00	664.30	0.00	737.10	0.00	632.30	0.00	850.10	0.00	930.80	0.00	4724.90	0.20	-755984.00	32.00
	ISTS	SITARGANJ	89.30	0.00	10.70	9.30	7.80	11.40	56.10	3.50	3.20	12.70	72.10	42.10	67.90	106.60	307.10	185.60	-49136.00	29696.00
	ISTS	Sitarganj-PG	54.80	0.00	9.00	0.20	6.60	0.20	42.00	0.00	3.40	1.60	77.60	0.00	72.40	0.00	265.80	2.00	-42528.00	320.00
	ISTS	SRINAGAR-PTCUL	454.40	0.00	462.40	0.00	454.40	0.00	465.60	0.00	494.40	0.00	462.40	0.00	468.80	0.00	3262.40	0.00	-521984.00	0.00
	ISTS Total		<b>2184.80</b>	<b>0.20</b>	<b>2002.40</b>	<b>9.50</b>	<b>3775.20</b>	<b>11.50</b>	<b>3441.30</b>	<b>3.50</b>	<b>3684.30</b>	<b>14.30</b>	<b>4098.90</b>	<b>42.10</b>	<b>4447.90</b>	<b>106.60</b>	<b>23634.80</b>	<b>187.70</b>	<b>-3781568.00</b>	<b>30032.00</b>
UTTARAKHAND: Total			<b>2184.80</b>	<b>0.20</b>	<b>2002.40</b>	<b>9.50</b>	<b>3775.20</b>	<b>11.50</b>	<b>3441.30</b>	<b>3.50</b>	<b>3684.30</b>	<b>14.30</b>	<b>4098.90</b>	<b>42.10</b>	<b>4447.90</b>	<b>106.60</b>	<b>23634.80</b>	<b>187.70</b>	<b>-3781568.00</b>	<b>30032.00</b>
Net Charges Total																				<b>-3751536.00</b>



**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 20/02/2023 To 26/02/2023**  
**ABSTRACT OF INTER-CONSTITUENT REACTIVE ENERGY CHARGES**

<b>Payable By</b>	<b>Payable To</b>	<b>Charges (in Rs. Lakh)</b>
CHANDIGARH	PUNJAB	0.73872
<b>CHANDIGARH Total :-</b>		<b>0.73872</b>
DELHI	RAJASTHAN	0.00000
<b>DELHI Total :-</b>		<b>0.00000</b>
HIMACHAL PRADESH	HARYANA	0.00000
	PUNJAB	0.00000
	UTTARAKHAND	0.00000
<b>HIMACHAL PRADESH Total :-</b>		<b>0.00000</b>
HARYANA	CHANDIGARH	0.00000
	HIMACHAL PRADESH	0.00000
	HARYANA	0.00000
	PUNJAB	0.00000
	UTTAR PRADESH	7.18176
<b>HARYANA Total :-</b>		<b>7.18176</b>
J & K	PUNJAB	0.00000
<b>J &amp; K Total :-</b>		<b>0.00000</b>
PUNJAB	CHANDIGARH	0.00000
	HIMACHAL PRADESH	1.26320
	HARYANA	0.00000
	J & K	0.02320
	PUNJAB	0.00000
<b>PUNJAB Total :-</b>		<b>1.28640</b>
RAJASTHAN	DELHI	0.00000
<b>RAJASTHAN Total :-</b>		<b>0.00000</b>
UTTARAKHAND	HIMACHAL PRADESH	1.24256
	UTTAR PRADESH	0.00000
<b>UTTARAKHAND Total :-</b>		<b>1.24256</b>
UTTAR PRADESH	DELHI	0.00000
	HARYANA	0.00000
	UTTARAKHAND	24.39424
<b>UTTAR PRADESH Total :-</b>		<b>24.39424</b>
<b>Grand Total :-</b>		<b>34.84368</b>

**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 20/02/2023 To 26/02/2023**  
**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	1.08944
DELHI	RAJASTHAN	0.00000
HIMACHAL PRADESH	HARYANA	0.12400
	PUNJAB	-2.06496
	UTTARAKHAND	-2.14848
HARYANA	CHANDIGARH	-0.00784
	HIMACHAL PRADESH	0.40000
	HARYANA	0.00112
	PUNJAB	-0.15696
	UTTAR PRADESH	7.71136
J & K	PUNJAB	-0.02320
PUNJAB	CHANDIGARH	-0.73872
	HIMACHAL PRADESH	1.26320
	HARYANA	-0.35376
	J & K	0.02320
	PUNJAB	-5.15312
RAJASTHAN	DELHI	2.09248
UTTARAKHAND	HIMACHAL PRADESH	1.24256
	UTTAR PRADESH	-24.39424
UTTAR PRADESH	DELHI	0.00000
	HARYANA	-7.18176
	UTTARAKHAND	499.59328



**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 20/02/2023 To 26/02/2023**  
**Inter-Constituent Reactive Energy export(-) / import(+) under high & low voltage condition**  
**And Reactive Energy Charges thereof**  
**(Reactive Energy Exchange in MVARH & Charges in Rs.)**

RAJASTHAN:	DELHI	MIA	26.60	175.20	23.50	194.20	4.50	211.80	9.80	203.00	44.30	215.20	3.70	196.60	18.40	242.60	130.80	1438.60	-20928.00	230176.00
	<b>DELHI Total</b>		<b>26.60</b>	<b>175.20</b>	<b>23.50</b>	<b>194.20</b>	<b>4.50</b>	<b>211.80</b>	<b>9.80</b>	<b>203.00</b>	<b>44.30</b>	<b>215.20</b>	<b>3.70</b>	<b>196.60</b>	<b>18.40</b>	<b>242.60</b>	<b>130.80</b>	<b>1438.60</b>	<b>-20928.00</b>	<b>230176.00</b>
<b>RAJASTHAN: Total</b>			<b>26.60</b>	<b>175.20</b>	<b>23.50</b>	<b>194.20</b>	<b>4.50</b>	<b>211.80</b>	<b>9.80</b>	<b>203.00</b>	<b>44.30</b>	<b>215.20</b>	<b>3.70</b>	<b>196.60</b>	<b>18.40</b>	<b>242.60</b>	<b>130.80</b>	<b>1438.60</b>	<b>-20928.00</b>	<b>230176.00</b>
<b>Net Charges Total</b>																				<b>209248.00</b>
UTTAR PRADESH:	DELHI	SAHIBABAD	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>DELHI Total</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
	HARYANA	Greater Noida-UPPCL	696.00	0.00	291.60	0.00	557.80	0.00	506.20	0.00	570.90	0.00	819.60	0.00	1046.50	0.00	4488.60	0.00	-718176.00	0.00
	<b>HARYANA Total</b>		<b>696.00</b>	<b>0.00</b>	<b>291.60</b>	<b>0.00</b>	<b>557.80</b>	<b>0.00</b>	<b>506.20</b>	<b>0.00</b>	<b>570.90</b>	<b>0.00</b>	<b>819.60</b>	<b>0.00</b>	<b>1046.50</b>	<b>0.00</b>	<b>4488.60</b>	<b>0.00</b>	<b>-718176.00</b>	<b>0.00</b>
	UTTARAKHAND	AFZALGARH (UPPCL)	-10.10	0.00	-6.60	0.00	2.70	0.00	-3.70	0.00	4.30	0.00	41.70	0.00	41.60	0.00	69.90	0.00	-11184.00	0.00
	UTTARAKHAND	BAIKUNTHPUR	-293.80	0.00	-207.80	0.00	-225.20	0.00	-362.40	0.00	-342.20	0.00	-345.40	0.00	-290.00	0.00	-2066.80	0.00	330688.00	0.00
	UTTARAKHAND	DHAMPUR	-22.30	0.00	-15.50	0.00	-8.80	0.00	-20.70	0.00	-8.50	0.00	6.80	0.00	4.60	0.00	-64.40	0.00	10304.00	0.00
	UTTARAKHAND	DOHNA	74.80	0.00	48.00	0.00	58.80	0.00	83.80	0.00	76.50	0.00	111.50	0.00	123.10	0.00	576.50	0.00	-92240.00	0.00
	UTTARAKHAND	MORADABAD	440.70	0.00	378.90	0.00	509.10	0.00	593.50	0.00	651.60	0.00	665.50	0.00	658.90	0.00	3898.20	0.00	-623712.00	0.00
	UTTARAKHAND	MUZAFFARNAGAR	110.00	0.00	-1.10	0.00	138.20	0.00	73.60	0.00	79.80	0.00	314.60	0.00	169.70	0.00	884.80	0.00	-141568.00	0.00
	UTTARAKHAND	NAZIBABAD	-3.00	0.00	-6.40	0.00	-14.40	0.00	-10.70	0.00	-13.40	0.00	-10.10	0.00	-1.00	0.00	-59.00	0.00	9440.00	0.00
	UTTARAKHAND	Nehtaur	-327519.30	0.00	8728.30	0.00	381.80	0.00	385.80	0.00	442.50	0.00	554.50	0.00	547.60	0.00	-316478.80	0.00	5063608.00	0.00
	UTTARAKHAND	PILIBHIT	1.70	0.00	-18.50	0.00	-9.00	0.00	-5.30	0.00	-428.00	0.00	26.40	0.00	22.20	0.00	-410.50	0.00	65680.00	0.00
	UTTARAKHAND	Richha	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
	UTTARAKHAND	SAHARANPUR	173.40	0.00	158.70	0.00	190.70	0.00	173.10	0.00	212.80	0.00	203.80	0.00	291.80	0.00	1404.30	0.00	-224688.00	0.00
	<b>UTTARAKHAND Total</b>		<b>-327047.90</b>	<b>0.00</b>	<b>9058.00</b>	<b>0.00</b>	<b>1023.90</b>	<b>0.00</b>	<b>907.00</b>	<b>0.00</b>	<b>675.40</b>	<b>0.00</b>	<b>1569.30</b>	<b>0.00</b>	<b>1568.50</b>	<b>0.00</b>	<b>-312245.80</b>	<b>0.00</b>	<b>49959328.00</b>	<b>0.00</b>
<b>UTTAR PRADESH: Total</b>			<b>-326351.90</b>	<b>0.00</b>	<b>9349.60</b>	<b>0.00</b>	<b>1581.70</b>	<b>0.00</b>	<b>1413.20</b>	<b>0.00</b>	<b>1246.30</b>	<b>0.00</b>	<b>2388.90</b>	<b>0.00</b>	<b>2615.00</b>	<b>0.00</b>	<b>-307757.20</b>	<b>0.00</b>	<b>49241152.00</b>	<b>0.00</b>
<b>Net Charges Total</b>																				<b>49241152.00</b>
UTTARAKHAND:	HIMACHAL PRADESH	KHODRI	-80.30	0.00	-101.40	0.00	-136.00	0.00	-147.70	0.00	-151.50	-5.30	-119.20	-2.40	-48.20	0.00	-784.30	-7.70	125488.00	-1232.00
	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>-80.30</b>	<b>0.00</b>	<b>-101.40</b>	<b>0.00</b>	<b>-136.00</b>	<b>0.00</b>	<b>-147.70</b>	<b>0.00</b>	<b>-151.50</b>	<b>-5.30</b>	<b>-119.20</b>	<b>-2.40</b>	<b>-48.20</b>	<b>0.00</b>	<b>-784.30</b>	<b>-7.70</b>	<b>125488.00</b>	<b>-1232.00</b>
	UTTAR PRADESH	CHILLA	-101.30	0.00	-84.50	0.00	-90.90	0.00	-141.60	0.00	-137.90	0.00	-136.00	0.00	-169.60	0.00	-861.80	0.00	137888.00	0.00
	UTTAR PRADESH	KALAGARH	45.00	0.00	42.30	0.00	22.20	0.00	25.20	0.00	20.00	0.00	-14.30	0.00	-42.80	0.00	97.60	0.00	-15616.00	0.00
	UTTAR PRADESH	KASHIPUR	482.90	0.00	397.80	0.00	422.50	0.00	544.00	0.00	586.90	0.00	548.40	0.00	612.40	0.00	3594.90	0.00	-575184.00	0.00
	UTTAR PRADESH	Kashipur-UPCL	488.70	0.00	590.50	0.00	704.70	0.00	762.20	0.00	681.50	0.00	674.90	0.70	752.00	0.00	4654.50	0.70	-744720.00	112.00
	UTTAR PRADESH	KHODRI	-83.60	-4.00	-68.30	-0.30	-76.20	-0.20	-39.10	0.00	-74.30	-1.40	-74.40	-4.80	-193.60	0.00	-609.50	-10.70	97520.00	-1712.00
	UTTAR PRADESH	KICHHA	10.80	1.00	9.30	0.00	12.70	0.10	13.30	0.30	14.40	0.60	20.70	0.00	16.30	0.00	97.50	2.00	-15600.00	320.00
	UTTAR PRADESH	PANTNAGAR	40.30	0.20	12.20	0.00	19.80	4.80	26.20	0.00	23.20	0.00	82.40	0.00	71.20	0.00	275.30	5.00	-44048.00	800.00
	UTTAR PRADESH	RISHIKESH	-14.50	0.00	8.00	0.00	18.20	0.00	26.90	0.00	48.00	0.00	-17.50	0.00	-5.80	0.00	63.30	0.00	-10128.00	0.00
	UTTAR PRADESH	ROORKEE	87.70	0.20	69.80	0.00	104.80	0.00	106.60	0.00	91.80	0.00	79.70	0.00	123.70	1.90	664.10	2.10	-106256.00	336.00
	UTTAR PRADESH	SITARGANJ	-27.20	0.00	-14.20	0.00	-22.30	0.00	-29.60	0.00	-32.90	0.00	-50.60	0.00	-66.20	0.00	-243.00	0.00	38880.00	0.00
	UTTAR PRADESH	Srinagar-PTCUL	988.40	0.00	1072.70	0.00	1010.90	0.00	1044.30	0.00	1148.30	0.00	1123.60	0.00	1124.40	0.00	7512.60	0.00	-1202016.00	0.00
	<b>UTTAR PRADESH Total</b>		<b>1917.20</b>	<b>-2.60</b>	<b>2035.60</b>	<b>-0.30</b>	<b>2126.40</b>	<b>4.70</b>	<b>2338.40</b>	<b>0.30</b>	<b>2369.00</b>	<b>-0.80</b>	<b>2236.90</b>	<b>-4.10</b>	<b>2222.00</b>	<b>1.90</b>	<b>15245.50</b>	<b>-0.90</b>	<b>-2439280.00</b>	<b>-144.00</b>
<b>UTTARAKHAND: Total</b>			<b>1836.90</b>	<b>-2.60</b>	<b>1934.20</b>	<b>-0.30</b>	<b>1990.40</b>	<b>4.70</b>	<b>2190.70</b>	<b>0.30</b>	<b>2217.50</b>	<b>-6.10</b>	<b>2117.70</b>	<b>-6.50</b>	<b>2173.80</b>	<b>1.90</b>	<b>14461.20</b>	<b>-8.60</b>	<b>-2313792.00</b>	<b>-1376.00</b>
<b>Net Charges Total</b>																				<b>-2315168.00</b>