



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 /2022/3377-3392

दिनांक: 6 मई, 2022

No. NRPC/Comml/204/ Reactive/2022/3377-3392

Dated: 6 May, 2022

(भुगतान की तिथि: 16.05.2022 या उससे पहले)

(Due Date of Payment: On or before: 16.05.2022)

सेवा में,

To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 18 से 24 अप्रैल, 22 के सप्ताह का रिएक्टिव ऊर्जा लेखा।

Subject: **Account of Reactive Charges for the week 18<sup>th</sup> to 24<sup>th</sup> April, 2022.**

(सप्ताह सं. WEEK No. 04/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (भारतीय विद्युत ग्रिड कोड) विनियम, 2010 व तत्संबंधी संशोधनों के अनुसार तैयार किये गए 18 से 24 अप्रैल, 2022 के सप्ताह के रिएक्टिव ऊर्जा लेखा का विवरण संलग्न है (प्रति [www.nrpc.gov.in](http://www.nrpc.gov.in) पर भी उपलब्ध है)।

Please find enclosed herewith the Statement of Reactive Energy charges for the week 18<sup>th</sup> to 24<sup>th</sup> April, 2022 (copy available on [www.nrpc.gov.in](http://www.nrpc.gov.in)) 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-

(सौमित्र मजूमदार)/ (Saumitra Mazumdar)

अधीक्षण अभियंता (प्रचालन / संरक्षण / वाणिज्य)

Superintending Engineer(Operation/Protection/Commercial)

**Northern Regional Power Committee**  
**Reactive Energy Account For The Week 18-04-2022 To 24-04-2022**  
**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	15.87325	:	HARYANA	6.39004
		:	JAMMU AND KASHMIR	4.21927
		:	PUNJAB	2.76016
		:	UTTAR PRADESH	0.74724
		:	UTTARAKHAND	0.64428
		:	RAJASTHAN	0.54665
		:	CHANDIGARH	0.30616
		:	HIMACHAL PRADESH	0.25945
<b>Total</b>	<b>15.87325</b>		<b>Total</b>	<b>15.87325</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 18/04/2022 To 24/04/2022**  
**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	0.00000	4.73231
DELHI	15.87325	0.00000
HIMACHAL PRADESH	0.00000	4.01032
HARYANA	0.00000	98.77157
J & K	0.00000	65.21766
PUNJAB	0.00000	42.66405
RAJASTHAN	0.00000	8.44966
UTTARAKHAND	0.00000	9.95876
UTTAR PRADESH	0.00000	11.55027
<b>Total Payable / Receivable :-</b>	<b>15.87325</b>	<b>245.35460</b>









**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 18/04/2022 To 24/04/2022**  
**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	0.00	0.00	27.30	0.00	3.70	0.00	118.90	0.00	872.70	0.00	185.00	0.00	1938.10	0.00	3145.70	0.00	-487584.00	0.00
	ISTS	Kashipur-UPCL	7.30	0.00	168.00	0.00	90.20	0.00	74.90	0.00	273.50	0.00	178.20	0.00	472.70	0.00	1264.80	0.00	-196044.00	0.00
	ISTS	PITHORAGARH (PG)	-0.80	0.00	-4.00	0.00	-7.90	-3.60	-2.50	0.00	-6.50	0.00	13.60	0.00	28.50	0.00	20.40	-3.60	-3162.00	-558.00
	ISTS	Roorkee-PG	0.00	0.00	36.10	124.60	29.70	0.00	24.20	0.00	583.00	0.00	132.10	0.00	449.40	0.00	1254.50	124.60	-194448.00	19313.00
	ISTS	SITARGANJ	0.00	73.00	5.30	93.80	1.40	145.30	0.00	86.10	0.00	61.20	0.00	96.80	5.20	63.50	11.90	619.70	-1845.00	96054.00
	ISTS	Sitarganj-PG	0.00	33.60	3.60	46.40	1.40	71.40	0.00	40.00	0.00	29.20	0.00	44.20	3.00	30.00	8.00	294.80	-1240.00	45694.00
	ISTS	SRINAGAR-PTCUL	209.60	0.00	294.40	0.00	201.60	0.00	307.20	0.00	160.00	0.00	212.80	0.00	369.60	0.00	1755.20	0.00	-272056.00	0.00
	ISTS Total		<b>216.10</b>	<b>106.60</b>	<b>530.70</b>	<b>264.80</b>	<b>320.10</b>	<b>213.10</b>	<b>522.70</b>	<b>126.10</b>	<b>1882.70</b>	<b>90.40</b>	<b>721.70</b>	<b>141.00</b>	<b>3266.50</b>	<b>93.50</b>	<b>7460.50</b>	<b>1035.50</b>	<b>-1156379.00</b>	<b>160503.00</b>
UTTARAKHAND: Total			<b>216.10</b>	<b>106.60</b>	<b>530.70</b>	<b>264.80</b>	<b>320.10</b>	<b>213.10</b>	<b>522.70</b>	<b>126.10</b>	<b>1882.70</b>	<b>90.40</b>	<b>721.70</b>	<b>141.00</b>	<b>3266.50</b>	<b>93.50</b>	<b>7460.50</b>	<b>1035.50</b>	<b>-1156379.00</b>	<b>160503.00</b>
Net Charges Total																				<b>-995876.00</b>



**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 18/04/2022 To 24/04/2022**  
**ABSTRACT OF INTER-CONSTITUENT REACTIVE ENERGY CHARGES**

<b>Payable By</b>	<b>Payable To</b>	<b>Charges (in Rs. Lakh)</b>
CHANDIGARH	PUNJAB	0.91621
<b>CHANDIGARH Total :-</b>		<b>0.91621</b>
DELHI	RAJASTHAN	0.00000
	UTTAR PRADESH	0.00000
<b>DELHI Total :-</b>		<b>0.00000</b>
HIMACHAL PRADESH	HARYANA	0.01721
	PUNJAB	0.78771
	UTTARAKHAND	0.00000
<b>HIMACHAL PRADESH Total :-</b>		<b>0.80492</b>
HARYANA	CHANDIGARH	0.00000
	HIMACHAL PRADESH	0.00000
	HARYANA	0.00000
	PUNJAB	0.00000
	UTTAR PRADESH	0.58172
<b>HARYANA Total :-</b>		<b>0.58172</b>
J & K	PUNJAB	0.09672
<b>J &amp; K Total :-</b>		<b>0.09672</b>
PUNJAB	CHANDIGARH	0.00000
	HIMACHAL PRADESH	0.00000
	HARYANA	0.00000
	J & K	0.00000
	PUNJAB	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	0.17267
	UTTAR PRADESH	0.00000
<b>UTTARAKHAND Total :-</b>		<b>0.17267</b>
UTTAR PRADESH	DELHI	0.00000
	HARYANA	0.00000
	RAJASTHAN	1.49296
	UTTARAKHAND	0.00000
<b>UTTAR PRADESH Total :-</b>		<b>1.49296</b>
<b>Grand Total :-</b>		<b>4.06520</b>

**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 18/04/2022 To 24/04/2022**  
**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	1.80468
DELHI	RAJASTHAN	0.00000
	UTTAR PRADESH	0.00000
HIMACHAL PRADESH	HARYANA	0.98736
	PUNJAB	1.65230
	UTTARAKHAND	-1.02750
HARYANA	CHANDIGARH	0.04092
	HIMACHAL PRADESH	-0.01721
	HARYANA	0.00000
	PUNJAB	-0.60481
	UTTAR PRADESH	0.26505
J & K	PUNJAB	0.02279
PUNJAB	CHANDIGARH	-1.26945
	HIMACHAL PRADESH	-0.74199
	HARYANA	-0.11114
	J & K	-0.02279
	PUNJAB	-1.03137
RAJASTHAN	DELHI	1.30774
	UTTAR PRADESH	-241.55712
UTTARAKHAND	HIMACHAL PRADESH	0.25684
	UTTAR PRADESH	-13.91002
UTTAR PRADESH	DELHI	-0.03875
	HARYANA	-0.33155
	RAJASTHAN	1.49296
	UTTARAKHAND	-65.86896



**Northern Regional Power Committee**  
**Reactive Energy Account for the Week 18/04/2022 To 24/04/2022**  
**Inter-Constituent Reactive Energy export(-) / import(+) under high & low voltage condition**  
**And Reactive Energy Charges thereof**  
**(Reactive Energy Exchange in MVARH & Charges in Rs.)**

RAJASTHAN:	DELHI	MIA	1.00	234.40	0.00	150.40	0.00	70.20	0.00	149.30	0.00	8.60	5.80	81.40	3.20	159.40	10.00	853.70	-1550.00	132324.00
	<b>DELHI Total</b>		<b>1.00</b>	<b>234.40</b>	<b>0.00</b>	<b>150.40</b>	<b>0.00</b>	<b>70.20</b>	<b>0.00</b>	<b>149.30</b>	<b>0.00</b>	<b>8.60</b>	<b>5.80</b>	<b>81.40</b>	<b>3.20</b>	<b>159.40</b>	<b>10.00</b>	<b>853.70</b>	<b>-1550.00</b>	<b>132324.00</b>
	UTTAR PRADESH	BHARATPUR	0.60	654.10	0.30	664.30	0.00	-159296.00	0.00	498.70	10.70	409.60	18.10	513.80	15.50	757.40	45.20	-155798.10	-7006.00	-24148706.00
	<b>UTTAR PRADESH Total</b>		<b>0.60</b>	<b>654.10</b>	<b>0.30</b>	<b>664.30</b>	<b>0.00</b>	<b>-159296.00</b>	<b>0.00</b>	<b>498.70</b>	<b>10.70</b>	<b>409.60</b>	<b>18.10</b>	<b>513.80</b>	<b>15.50</b>	<b>757.40</b>	<b>45.20</b>	<b>-155798.10</b>	<b>-7006.00</b>	<b>-24148706.00</b>
<b>RAJASTHAN: Total</b>			<b>1.60</b>	<b>888.50</b>	<b>0.30</b>	<b>814.70</b>	<b>0.00</b>	<b>-159225.80</b>	<b>0.00</b>	<b>648.00</b>	<b>10.70</b>	<b>418.20</b>	<b>23.90</b>	<b>595.20</b>	<b>18.70</b>	<b>916.80</b>	<b>55.20</b>	<b>-154944.40</b>	<b>-8556.00</b>	<b>-24016382.00</b>
<b>Net Charges Total</b>																				<b>-24024938.00</b>
UTTAR PRADESH:	DELHI	SAHIBABAD	0.00	-6.40	0.00	-4.50	0.00	-5.30	0.00	-2.10	0.00	-3.80	0.00	-2.60	0.00	-0.30	0.00	-25.00	0.00	-3875.00
	<b>DELHI Total</b>		<b>0.00</b>	<b>-6.40</b>	<b>0.00</b>	<b>-4.50</b>	<b>0.00</b>	<b>-5.30</b>	<b>0.00</b>	<b>-2.10</b>	<b>0.00</b>	<b>-3.80</b>	<b>0.00</b>	<b>-2.60</b>	<b>0.00</b>	<b>-0.30</b>	<b>0.00</b>	<b>-25.00</b>	<b>0.00</b>	<b>-3875.00</b>
	HARYANA	Greater Noida-UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.00	178.20	0.00	10.20	0.00	23.30	0.00	213.90	0.00	-33155.00	0.00
	<b>HARYANA Total</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.20</b>	<b>0.00</b>	<b>178.20</b>	<b>0.00</b>	<b>10.20</b>	<b>0.00</b>	<b>23.30</b>	<b>0.00</b>	<b>213.90</b>	<b>0.00</b>	<b>-33155.00</b>	<b>0.00</b>	<b>0.00</b>
	RAJASTHAN	AGRA	-124.00	0.00	-124.00	0.00	-130.70	0.00	-133.30	0.00	-113.80	0.00	-145.60	0.00	-191.80	0.00	-963.20	0.00	149296.00	0.00
	<b>RAJASTHAN Total</b>		<b>-124.00</b>	<b>0.00</b>	<b>-124.00</b>	<b>0.00</b>	<b>-130.70</b>	<b>0.00</b>	<b>-133.30</b>	<b>0.00</b>	<b>-113.80</b>	<b>0.00</b>	<b>-145.60</b>	<b>0.00</b>	<b>-191.80</b>	<b>0.00</b>	<b>-963.20</b>	<b>0.00</b>	<b>149296.00</b>	<b>0.00</b>
	UTTARAKHAND	AFZALGARH (UPPCL)	-5.70	0.00	-14.60	0.70	-17.90	7.00	47974.80	0.00	-30.00	0.00	-45.80	0.00	-27.70	0.00	47833.10	7.70	-7414131.00	1194.00
	UTTARAKHAND	Alaknanda(GVK)-UPPCL	-530.20	0.00	-453.10	0.00	-595.70	0.00	-635.60	0.00	-682.20	0.00	-634.20	0.00	-664.00	0.00	-4195.00	0.00	650225.00	0.00
	UTTARAKHAND	BAIKUNTHPUR	-291.60	0.00	-326.80	0.00	-137.60	0.00	-184.60	0.00	-280.60	0.00	-334.60	0.00	-427.60	0.00	-1983.40	0.00	307427.00	0.00
	UTTARAKHAND	DHAMPUR	-25.70	0.00	-19.10	-0.50	-12.10	-1.40	-9.00	0.00	-31.30	0.00	-50.40	0.30	-42.50	0.00	-190.10	-1.60	29466.00	-248.00
	UTTARAKHAND	DOHNA	-3.90	0.00	-17.20	0.00	7.50	0.00	6.40	0.00	-23.70	0.00	3.30	0.00	-19.20	0.00	-46.80	0.00	7254.00	0.00
	UTTARAKHAND	KIRATPUR	0.00	-23.80	-7.50	-19.30	-0.50	-26.90	-3.60	-11.20	-13.90	-21.30	-1.80	-22.00	-3.60	-25.00	-30.90	-149.50	4790.00	-23173.00
	UTTARAKHAND	MORADABAD	5.10	0.00	96.70	0.00	67.60	0.00	47.30	0.00	354.20	0.00	65.50	0.00	290.90	0.00	927.30	0.00	-143732.00	0.00
	UTTARAKHAND	MUZAFFARNAGAR	24.50	0.00	-10.20	-1.70	-16.80	0.00	-21.00	0.00	113.20	-1.60	-26.90	0.00	-60.20	0.00	2.60	-3.30	-403.00	-512.00
	UTTARAKHAND	Nehaur	0.00	217.50	-28.70	260.00	9.50	148.00	-18.20	0.00	39.30	24.40	-21.80	25.50	56.40	0.00	36.50	675.40	-5658.00	104687.00
	UTTARAKHAND	PILIBHIT	1.60	0.00	-2.80	0.00	19.60	0.00	13.40	0.00	-10.40	0.00	-0.50	0.00	-32.50	0.00	-11.60	0.00	1798.00	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	3.60	9.50	68.00	29.30	154.10	15.80	46.50	0.00	162.10	25.30	94.70	27.40	261.40	0.00	790.40	107.30	-122512.00	16632.00
	UTTARAKHAND	THAKURWARA	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>UTTARAKHAND Total</b>		<b>-822.30</b>	<b>203.20</b>	<b>-715.30</b>	<b>268.50</b>	<b>-522.30</b>	<b>142.50</b>	<b>47216.40</b>	<b>-11.20</b>	<b>-403.30</b>	<b>26.80</b>	<b>-952.50</b>	<b>31.20</b>	<b>-668.60</b>	<b>-25.00</b>	<b>43132.10</b>	<b>636.00</b>	<b>-6685476.00</b>	<b>98580.00</b>
<b>UTTAR PRADESH: Total</b>			<b>-946.30</b>	<b>196.80</b>	<b>-839.30</b>	<b>264.00</b>	<b>-653.00</b>	<b>137.20</b>	<b>47085.30</b>	<b>-13.30</b>	<b>-338.90</b>	<b>23.00</b>	<b>-1087.90</b>	<b>28.60</b>	<b>-837.10</b>	<b>-25.30</b>	<b>42382.80</b>	<b>611.00</b>	<b>-6569335.00</b>	<b>94705.00</b>
<b>Net Charges Total</b>																				<b>-6474630.00</b>
UTTARAKHAND:	HIMACHAL PRADESH	KHODRI	-1.00	0.00	-30.40	-26.40	-15.70	-5.60	-17.10	0.00	-58.20	-18.40	-48.00	-10.60	-56.30	0.00	-226.70	-61.00	35139.00	-9455.00
	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>-1.00</b>	<b>0.00</b>	<b>-30.40</b>	<b>-26.40</b>	<b>-15.70</b>	<b>-5.60</b>	<b>-17.10</b>	<b>0.00</b>	<b>-58.20</b>	<b>-18.40</b>	<b>-48.00</b>	<b>-10.60</b>	<b>-56.30</b>	<b>0.00</b>	<b>-226.70</b>	<b>-61.00</b>	<b>35139.00</b>	<b>-9455.00</b>
	UTTAR PRADESH	KALAGARH	10.20	0.20	22.70	1.30	34.40	2.30	7.60	-7.30	75.70	0.00	65.50	0.00	93.00	0.00	309.10	-3.50	-47911.00	-543.00
	UTTAR PRADESH	KASHIPUR	32.70	0.00	162.20	0.00	68.40	0.00	210.90	0.00	245.80	0.00	200.00	0.00	290.20	0.00	1210.20	0.00	-187581.00	0.00
	UTTAR PRADESH	Kashipur-UPCL	-5.80	0.00	236.40	0.00	387.60	0.00	463.30	0.00	509.80	0.00	422.50	0.00	485.80	0.00	2499.60	0.00	-387438.00	0.00
	UTTAR PRADESH	KHODRI	-2.90	-8.00	-3.70	-11.20	-80.60	-9.40	-28.10	0.00	-22.20	-9.10	-12.90	-8.30	-83.90	0.00	-234.30	-46.00	36317.00	-7130.00
	UTTAR PRADESH	KICHHA	0.00	7.10	4.10	9.20	2.30	9.00	0.70	8.40	1.60	5.70	0.00	9.80	1.50	5.20	10.20	54.40	-1581.00	8432.00
	UTTAR PRADESH	PANTNAGAR	0.00	35.80	15.50	101.90	19.80	101.40	1.90	21.00	35.40	70.20	0.00	34.60	61.90	0.00	134.50	364.90	-20848.00	56560.00
	UTTAR PRADESH	RISHIKESH	0.00	0.00	-37.10	49.50	-71.30	0.00	-56.00	0.00	-103.30	0.00	-51.60	0.00	-30.50	0.00	-349.80	49.50	54219.00	7673.00
	UTTAR PRADESH	ROORKEE	-8.80	0.20	-3.40	13.30	-12.00	4.00	3.20	9.30	43.80	28.80	0.50	21.30	0.00	3.80	23.30	80.70	-3612.00	12509.00
	UTTAR PRADESH	SITARGANJ	1.20	4.30	2.40	2.10	7.70	11.70	1.90	0.50	5.80	4.10	3.40	0.50	13.30	0.00	35.70	23.20	-5534.00	3596.00
	UTTAR PRADESH	Steinagar-PTCUL	730.10	0.00	688.00	0.00	764.40	0.00	834.20	0.00	938.90	0.00	897.50	0.00	1005.80	0.00	5858.90	0.00	-908130.00	0.00
	<b>UTTAR PRADESH Total</b>		<b>756.70</b>	<b>39.60</b>	<b>1087.10</b>	<b>166.10</b>	<b>1120.70</b>	<b>119.00</b>	<b>1439.60</b>	<b>31.90</b>	<b>1731.30</b>	<b>99.70</b>	<b>1524.90</b>	<b>57.90</b>	<b>1837.10</b>	<b>9.00</b>	<b>9497.40</b>	<b>523.20</b>	<b>-1472099.00</b>	<b>81097.00</b>
<b>UTTARAKHAND: Total</b>			<b>755.70</b>	<b>39.60</b>	<b>1056.70</b>	<b>139.70</b>	<b>1105.00</b>	<b>113.40</b>	<b>1422.50</b>	<b>31.90</b>	<b>1673.10</b>	<b>81.30</b>	<b>1476.90</b>	<b>47.30</b>	<b>1780.80</b>	<b>9.00</b>	<b>9270.70</b>	<b>462.20</b>	<b>-1436960.00</b>	<b>71642.00</b>
<b>Net Charges Total</b>																				<b>-1365318.00</b>