



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 /2019/14555-70

No. NRPC/Comml/204/ Reactive/2019

दिनांक: 28 नवम्बर, 2019

Dated: 28 November, 2019

(भुगतान की तिथि: 08.12.2019 या उससे पहले)

Due Date of Payment: On or before: 08.12.2019)

सेवा में,

To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 11 से 17 नवम्बर, 2019 के सप्ताह का रिएक्टिव ऊर्जा लेखा।

Subject: **Account of Reactive Charges for the week 11th to 17th November, 2019.**

(सप्ताह सं. **WEEK No. 33/ वि.व. F.Y. 2019-20**)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (भारतीय विद्युत ग्रिड कोड) विनियम, 2010 व तत्संबंधी संशोधनों के अनुसार तैयार किये गए 11 से 17 नवम्बर, 2019 के सप्ताह के रिएक्टिव उर्जा लेखा का विवरण संलग्न है (प्रति www.nrpc.gov.in पर भी उपलब्ध है)।

Please find enclosed herewith the Statement of Reactive Energy charges for the week 11th to 17th November, 2019 (copy available on 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,

अधीक्षण अभियंता

Superintending Engineer

Northern Regional Power Committee
Reactive Energy Account For The Week 11-11-2019 To 17-11-2019
STATEMENT OF REACTIVE ENERGY CHARGES PAYABLE/RECEIVABLE
(All Figs. in Rs. Lakh)

Constituents	Payable		Constituents	Receivable
POOL	131.73259	:	UTTAR PRADESH	173.37553
DELHI	64.02838	:	UTTARAKHAND	43.11050
PUNJAB	50.61371	:	HARYANA	20.08077
JAMMU AND KASHMIR	17.69984	:	HIMACHAL PRADESH	18.70801
		:	RAJASTHAN	6.56206
		:	CHANDIGARH	2.23765
Total	264.07452		Total	264.07452

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 11/11/2019 To 17/11/2019
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)

Name of Constituent	Payable By Constituent	Receivable By Constituent
CHANDIGARH	0.00000	3.13810
DELHI	64.02838	0.00000
HIMACHAL PRADESH	0.00000	26.23631
HARYANA	0.00000	28.16149
J & K	17.69984	0.00000
PUNJAB	50.61371	0.00000
RAJASTHAN	0.00000	9.20271
UTTARAKHAND	0.00000	60.45863
UTTAR PRADESH	0.00000	243.14369
Total Payable / Receivable :-	132.34193	370.34093

	ISTS	Shahjahanpur PG	-389.10	0.00	-405.10	0.00	-520.30	0.00	-342.90	0.00	-319.00	0.00	-268.70	0.00	-712.00	0.00	-2957.10	0.00	428780.00	0.00
	ISTS	Sikandara-UPPCL	230.60	0.00	225.30	0.00	246.90	0.00	350.10	0.00	300.60	0.00	352.00	0.00	251.40	0.00	1956.90	0.00	-283751.00	0.00
	ISTS	Sirshi-UPPCL	71.00	0.00	18.90	0.00	60.60	0.00	-40.00	0.00	-77.40	0.00	-39.20	0.00	-67.00	0.00	-73.10	0.00	10600.00	0.00
	ISTS	SULTANPUR	962.20	0.00	765.10	0.00	808.00	0.00	1330.20	0.00	1395.60	0.00	1259.70	0.00	1480.00	0.00	8000.80	0.00	-1160116.00	0.00
	ISTS	UNNAO	959.30	0.00	1144.00	0.00	897.40	0.00	640.70	0.00	708.40	0.00	650.90	0.00	759.30	0.00	5760.00	0.00	-835200.00	0.00
	ISTS Total		-3530.80	661.80	12568.30	658.10	15043.40	0.00	18060.20	6.50	18035.70	266.30	14297.00	691.20	123878.70	28383.30	198352.50	30667.20	-28761114.00	4446745.00
UTTAR PRADESH: Total			-3530.80	661.80	12568.30	658.10	15043.40	0.00	18060.20	6.50	18035.70	266.30	14297.00	691.20	123878.70	28383.30	198352.50	30667.20	-28761114.00	4446745.00
Net Charges Total																				-24314369.00

Northern Regional Power Committee
Reactive Energy Account for the Week 11/11/2019 To 17/11/2019
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	1811.80	0.00	3597.90	0.00	4585.70	0.00	3769.60	0.00	3907.80	0.00	3417.60	0.00	3853.10	0.00	24943.50	0.00	-3616808.00	0.00
	ISTS	Kashipur-UPCL	729.40	0.00	826.20	0.00	671.20	0.00	667.70	0.00	750.50	0.00	615.20	0.00	744.00	0.00	5004.20	0.00	-725609.00	0.00
	ISTS	PITHORAGARH (PG)	113.30	0.00	133.90	0.00	127.80	0.00	103.20	0.00	110.10	0.00	118.40	0.00	179.30	0.00	886.00	0.00	-128470.00	0.00
	ISTS	Roorkee-PG	1307.10	0.00	1475.40	0.00	1586.70	0.00	1498.50	0.00	1546.30	0.00	1379.80	0.00	1445.30	0.00	10239.10	0.00	-1484670.00	0.00
	ISTS	SITARGANJ	76.70	0.00	75.60	0.00	82.20	0.00	13.00	5.10	36.70	17.40	4.10	8.50	54.50	0.00	342.80	31.00	-49706.00	4495.00
	ISTS	Sitarganj-PG	79.60	0.00	80.80	0.00	85.20	0.00	7.60	6.40	36.40	19.00	0.80	10.40	56.40	0.00	346.80	35.80	-50286.00	5191.00
	ISTS Total		4117.90	0.00	6189.80	0.00	7138.80	0.00	6059.60	11.50	6387.80	36.40	5535.90	18.90	6332.60	0.00	41762.40	66.80	-6055549.00	9686.00
UTTARAKHAND: Total			4117.90	0.00	6189.80	0.00	7138.80	0.00	6059.60	11.50	6387.80	36.40	5535.90	18.90	6332.60	0.00	41762.40	66.80	-6055549.00	9686.00
Net Charges Total																				-6045863.00

Northern Regional Power Committee
Reactive Energy Account for the Week 11/11/2019 To 17/11/2019
ABSTRACT OF INTER-CONSTITUENT REACTIVE ENERGY CHARGES

Payable By	Payable To	Charges (in Rs. Lakh)
CHANDIGARH	PUNJAB	0.00000
CHANDIGARH Total :-		0.00000
DELHI	RAJASTHAN	0.00000
	UTTAR PRADESH	0.00000
DELHI Total :-		0.00000
HIMACHAL PRADESH	HARYANA	0.00000
	PUNJAB	0.00000
	UTTARAKHAND	0.00000
HIMACHAL PRADESH Total :-		0.00000
HARYANA	CHANDIGARH	0.00000
	HIMACHAL PRADESH	2.22633
	PUNJAB	0.00000
	UTTAR PRADESH	8.47018
HARYANA Total :-		10.69651
J & K	PUNJAB	0.00000
J & K Total :-		0.00000
PUNJAB	CHANDIGARH	1.42361
	HIMACHAL PRADESH	0.00000
	HARYANA	0.00000
	J & K	0.00000
PUNJAB Total :-		1.42361
RAJASTHAN	DELHI	0.00000
	UTTAR PRADESH	0.00000
RAJASTHAN Total :-		0.00000
UTTARAKHAND	HIMACHAL PRADESH	3.33718
	UTTAR PRADESH	0.00000
UTTARAKHAND Total :-		3.33718
UTTAR PRADESH	DELHI	0.00000
	HARYANA	0.00000
	RAJASTHAN	0.00000
	UTTARAKHAND	0.00000
UTTAR PRADESH Total :-		0.00000
Grand Total :-		15.45730

Northern Regional Power Committee
Reactive Energy Account for the Week 11/11/2019 To 17/11/2019
Charges due to inter-constituent Reactive energy exchanges under low/high voltage condition

Payable By	Payable To	Charges (in Rs. Lakh)
CHANDIGARH	PUNJAB	-65.91208
DELHI	RAJASTHAN	0.00000
	UTTAR PRADESH	0.00000
HIMACHAL PRADESH	HARYANA	-4.00752
	PUNJAB	-0.19299
	UTTARAKHAND	-3.33718
HARYANA	CHANDIGARH	-0.02726
	HIMACHAL PRADESH	2.22633
	PUNJAB	-0.35873
	UTTAR PRADESH	8.47018
J & K	PUNJAB	-0.11600
PUNJAB	CHANDIGARH	1.42361
	HIMACHAL PRADESH	-0.27752
	HARYANA	-1.13854
	J & K	-1.28456
RAJASTHAN	DELHI	-0.35829
	UTTAR PRADESH	5.78884
UTTARAKHAND	HIMACHAL PRADESH	3.45724
	UTTAR PRADESH	-35.58925
UTTAR PRADESH	DELHI	-0.06859
	HARYANA	-14.11184
	RAJASTHAN	4.11278
	UTTARAKHAND	-10.60791

Northern Regional Power Committee
Reactive Energy Account for the Week 11/11/2019 To 17/11/2019
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	52.80	57.10	63.80	74.20	70.10	75.20	113.30	47.20	90.40	60.20	156.60	56.80	110.60	39.80	657.60	410.50	-95352.00	59523.00
	DELHI Total		52.80	57.10	63.80	74.20	70.10	75.20	113.30	47.20	90.40	60.20	156.60	56.80	110.60	39.80	657.60	410.50	-95352.00	59523.00
	UTTAR PRADESH	BHARATPUR	0.00	430.10	0.00	605.40	0.00	517.80	0.00	617.90	0.00	513.30	0.00	670.40	0.00	637.40	0.00	3992.30	0.00	578884.00
	UTTAR PRADESH Total		0.00	430.10	0.00	605.40	0.00	517.80	0.00	617.90	0.00	513.30	0.00	670.40	0.00	637.40	0.00	3992.30	0.00	578884.00
RAJASTHAN: Total			52.80	487.20	63.80	679.60	70.10	593.00	113.30	665.10	90.40	573.50	156.60	727.20	110.60	677.20	657.60	4402.80	-95352.00	638407.00
Net Charges Total																				543055.00
UTTAR PRADESH:	DELHI	NOIDA	6.90	0.00	8.30	0.00	4.00	0.00	6.20	0.00	7.70	0.00	5.30	0.00	8.90	0.00	47.30	0.00	-6859.00	0.00
	DELHI Total		6.90	0.00	8.30	0.00	4.00	0.00	6.20	0.00	7.70	0.00	5.30	0.00	8.90	0.00	47.30	0.00	-6859.00	0.00
	HARYANA	Greater Noida-UPPCL	1333.80	0.00	1589.10	0.00	1611.60	0.00	1971.60	0.00	1944.00	0.00	690.20	0.00	592.00	0.00	9732.30	0.00	-1411184.00	0.00
	HARYANA Total		1333.80	0.00	1589.10	0.00	1611.60	0.00	1971.60	0.00	1944.00	0.00	690.20	0.00	592.00	0.00	9732.30	0.00	-1411184.00	0.00
	RAJASTHAN	AGRA	-309.80	0.00	-407.20	0.00	-366.20	0.00	-389.90	0.00	-392.00	0.00	-387.50	0.00	-583.80	0.00	-2836.40	0.00	411278.00	0.00
	RAJASTHAN Total		-309.80	0.00	-407.20	0.00	-366.20	0.00	-389.90	0.00	-392.00	0.00	-387.50	0.00	-583.80	0.00	-2836.40	0.00	411278.00	0.00
	UTTARAKHAND	AFZALGARH (UPPCL)	-144.80	0.00	-108.00	0.00	-171.40	0.00	-62.80	0.00	-53.20	0.00	-136.30	0.00	-74.20	0.00	-750.70	0.00	108852.00	0.00
	UTTARAKHAND	Alaknanda(GVK)-UPPCL	-989.80	0.00	-1126.50	0.00	-1157.10	0.00	-1060.30	0.00	-1100.30	0.00	-1045.80	0.00	-1269.10	0.00	-7748.90	0.00	1123591.00	0.00
	UTTARAKHAND	AmbalaRD(Plakni)	0.60	4.30	0.20	2.80	0.00	0.70	0.60	0.00	2.90	1.60	9.30	1.80	9.40	4.40	23.00	15.60	-3335.00	2262.00
	UTTARAKHAND	BAIKUNTHPUR	-5463.40	0.00	-722.00	0.00	-125.40	0.00	-391.80	0.00	-475.40	0.00	-307.40	0.00	-318.20	0.00	-7803.60	0.00	1131522.00	0.00
	UTTARAKHAND	DHAMPUR	55.70	0.00	58.60	0.00	59.60	0.00	57.60	0.00	49.20	0.00	57.50	0.00	61.50	0.00	399.70	0.00	-57957.00	0.00
	UTTARAKHAND	DOHNA	104.10	0.00	123.40	0.00	124.10	0.00	49.60	0.00	46.90	0.00	14.70	0.00	61.10	0.00	523.90	0.00	-75966.00	0.00
	UTTARAKHAND	MORADABAD	741.10	0.00	824.00	0.00	786.20	0.00	847.30	0.00	847.30	0.00	929.50	0.00	1080.70	0.00	6056.10	0.00	-878135.00	0.00
	UTTARAKHAND	MUZAFFARNAGAR	372.90	0.00	383.70	0.00	358.10	0.00	406.20	0.00	434.10	0.00	567.10	0.00	752.60	0.00	3274.70	0.00	-474832.00	0.00
	UTTARAKHAND	NAZIBABAD	-8.70	1.30	-14.90	1.30	-11.30	0.00	-8.70	0.10	-9.30	1.20	-10.40	0.10	-14.90	1.70	-78.20	5.70	11339.00	827.00
	UTTARAKHAND	Nehaur	1300.00	0.00	1924.70	0.00	1240.00	0.00	1215.70	0.00	2020.70	0.30	1394.30	0.00	1709.80	0.00	10805.20	0.30	-1566754.00	44.00
	UTTARAKHAND	PILBHT	-0.20	0.00	2.20	0.00	-16.30	0.00	-36.90	0.00	-32.40	0.00	-50.60	0.00	-49.00	0.00	-183.20	0.00	26564.00	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	323.40	0.00	463.80	0.00	495.70	0.00	429.90	0.00	371.00	0.00	330.10	0.00	405.50	0.00	2819.40	0.00	-408813.00	0.00
	UTTARAKHAND	THAKURDWARA	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 Total		-3709.10	5.60	1809.20	4.10	1582.20	0.70	1446.40	0.10	2101.50	3.10	1752.00	1.90	2355.20	6.10	7337.40	21.60	-1063924.00	3133.00
UTTAR PRADESH: Total			-2678.20	5.60	2999.40	4.10	2831.60	0.70	3034.30	0.10	3661.20	3.10	2060.00	1.90	2372.30	6.10	14280.60	21.60	-2070689.00	3133.00
Net Charges Total																				-2067556.00
UTTARAKHAND:	HIMACHAL PRADESH	KHODRI	-309.40	0.00	-290.70	0.00	-400.50	0.00	-339.00	0.00	-362.60	0.00	-361.80	0.00	-320.30	0.00	-2384.30	0.00	345724.00	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
	HIMACHAL PRADESH Total		-309.40	0.00	-290.70	0.00	-400.50	0.00	-339.00	0.00	-362.60	0.00	-361.80	0.00	-320.30	0.00	-2384.30	0.00	345724.00	0.00
	UTTAR PRADESH	CHILLA	-84.00	0.00	-75.90	0.00	-78.60	0.00	-94.80	0.00	-72.10	0.00	-111.10	0.00	-139.80	0.00	-656.30	0.00	95164.00	0.00
	UTTAR PRADESH	KALAGARH	146.90	0.00	90.10	0.00	158.10	0.00	55.40	0.00	54.20	0.00	138.10	0.00	73.50	0.00	716.30	0.00	-103864.00	0.00
	UTTAR PRADESH	KASHIPUR	451.60	0.00	490.20	0.00	522.90	0.00	477.80	0.00	472.70	0.00	370.90	0.00	445.80	0.00	3231.90	0.00	-468626.00	0.00
	UTTAR PRADESH	Kashipur-UPCL	286.50	0.00	238.50	0.00	389.80	0.00	258.20	0.00	304.00	0.00	339.60	0.00	298.90	0.00	2115.50	0.00	-306748.00	0.00
	UTTAR PRADESH	KHODRI	64.60	0.00	-27.40	0.00	-54.80	0.00	1.90	0.00	33.10	0.00	92.50	0.00	80.30	0.00	190.20	0.00	-27579.00	0.00
	UTTAR PRADESH	KICHHA	0.00	9.40	0.00	6.20	0.00	8.40	3.90	1.50	6.50	1.80	0.00	1.80	2.10	0.00	12.50	29.10	-1813.00	4220.00
	UTTAR PRADESH	PANTNAGAR	249.30	0.00	281.30	0.00	113.60	0.00	214.40	0.00	223.40	0.00	204.80	0.00	302.40	0.00	1589.20	0.00	-230434.00	0.00
	UTTAR PRADESH	RISHIKESH	584.00	0.00	685.10	0.00	677.80	0.00	718.50	0.00	697.40	0.00	646.50	0.00	797.80	0.00	4807.10	0.00	-697030.00	0.00
	UTTAR PRADESH	ROORKEE	148.20	0.00	192.80	0.00	172.00	0.00	175.40	0.00	190.20	14.60	210.70	0.00	240.50	0.00	1329.80	14.60	-192821.00	2117.00
	UTTAR PRADESH	SITARGANJ	-52.00	0.00	-55.10	0.00	-34.80	0.00	-4.10	0.00	-3.00	-0.20	12.20	0.00	2.20	0.00	-134.60	-0.20	19517.00	-29.00
	UTTAR PRADESH	Srinagar-PTCUL	1507.70	0.00	1647.20	0.00	1665.40	0.00	1640.00	0.00	1649.50	0.00	1589.10	0.00	1687.30	0.00	11386.20	0.00	-1650999.00	0.00
	UTTAR PRADESH Total		3302.80	9.40	3466.80	6.20	3531.40	8.40	3446.60	1.50	3555.90	16.20	3493.30	1.80	3791.00	0.00	24587.80	43.50	-3565233.00	6308.00
UTTARAKHAND: Total			2993.40	9.40	3176.10	6.20	3130.90	8.40	3107.60	1.50	3193.30	16.20	3131.50	1.80	3470.70	0.00	22203.50	43.50	-3219509.00	6308.00
Net Charges Total																				-321201.00