

Eastern Regional Power Committee:: KOLKATA

**Provisional Reactive Energy (VArH) Charge Statement
for the period 26/09/11 to 02/10/11**

REACTIVE ENERGY CHARGE PAYMENT WITH THE POOL

FROM	TO	AMOUNT PAYABLE (Rs.)
BSEB	POOL	0
JSEB	POOL	0
DVC	POOL	0
GRIDCO	POOL	0
SIKKIM	POOL	0
WBSEB/WBSETCL	POOL	0

Note:

- a) Reactive Energy Charge calculation is done as per clause 1.7 and 6.6 of IEGC
- b) Receivables from the Reactive Pool are reduced to zero as per decision taken in the meeting of the " Group" held on 15.09.06 at ERPC, Kolkata.

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

DETAILED REACTIVE ENERGY EXCHANGES OF THE UTILITIES WITH THE POOL

for the period 26/09/11 to 02/10/11

BENEFICIARY	SL. NO	NAME OF THE LINE	METER NO	MVARh_HIGH	REACTIVE CHARGE_MVARh (Rs)	MVARh_LOW	REACTIVE CHARGE_MVARL (Rs)	NET REACTIVE CHARGE (Rs)
BSEB	1	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-1	NP5841A	-6886	723030	0	0	723030
	2	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-2	NP5840A	-6641.3	697337	-0.2	-21	697315.5
	3	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-3	NP5843A	-5057.7	531059	-0.2	-21	531037.5
	4	132 KV PURNEA (PG) - PURNEA (BSEB) -1	NP6081A	699.8	-73479	0	0	-73479
	5	132 KV PURNEA (PG) - PURNEA (BSEB) -2	NP6082A	-594.2	62391	0	0	62391
	6	132 KV PURNEA (PG) - PURNEA (BSEB) -3	NP6083A	-11.1	1166	-2.2	-231	934.5
	7	220 KV PUSAULI (PG) - DEHRI (BSEB)	NP6093A	716.9	-75275	0	0	-75274.5
	8	132 KV PUSAULI(PG)-DEHRI(BSEB)	NP6095A	236.6	-24843	0	0	-24843
	9	132 KV PUSAULI(PG)-KARMANASA(BSEB)	NP6094A	-116.5	12233	0.1	10.5	12243
	10	132 KV ARAH (PG)- ARAH (BSEB)	NP6051A	-527.9	55430	-60.9	-6394.5	49035
	11	132 KV ARAH (PG)- DUMRAO (BSEB)	NP6054A	-687.6	72198	-11.4	-1197	71001
	12	220 KV KHAGAUL(BSEB) - ARAH (PG)-1	NP4200A	NA	0	NA	0	0
	13	220 KV KHAGAUL(BSEB) - ARAH (PG)-2	NP4201A	NA	0	NA	0	0
	14	220 KV KANTI (BSEB)-MUZAFFARPUR (PG)-1	NP5064A	-956.6	100443	-200.5	-21052.5	79390.5
	15	220 KV KANTI (BSEB)-MUZAFFARPUR (PG)-2	NP5065A	492	-51660	-189.8	-19929	-71589
	16	220 KV PATNA ICT I (BSEB)	NP5271A	-3285.2	344946	-0.2	-21	344925
	17	220 KV PATNA ICT II (BSEB)	NP5866A	-2296	241080	-12.2	-1281	239799
	18	132 KV PURNEA (PG) - KISHANGANJ (BSEB)	NP6084A	-312.5	32813	0	0	32812.5
		TOTAL			2648867		-50137.5	2598729
JSEB	1	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-1	NP6103A	-14674.4	1540812	0	0	1540812
	2	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-2	NP0452A	NA	0	NA	0	0
		220 KV RANCHI(PG) - PATRATU(JSEB)	NP5879A	-2898.9	304385	0	0	304384.5
		220 KV RANCHI(PG) - CHANDIL(JSEB)	NP5874A	2833.1	-297476	0	0	-297475.5
		TOTAL			1547721	0	1547721	
DVC	1	220 KV DURGAPUR (PG) - PARULIA (DVC) -1	NP6456A	-8513.6	893928	0	0	893928
	2	220 KV DURGAPUR (PG) - PARULIA (DVC) -2	NP6458A	-2465.4	258867	-0.8	-84	258783
	3	220 KV MAITHON (PG) - KALYANESWARI (DVC) -1	NP6451A	-912.4	95802	0	0	95802
	4	220 KV MAITHON (PG) - KALYANESWARI (DVC) -2	NP6529A	-2132.8	223944	0	0	223944
		TOTAL			1472541	-84	1472457	
GRIDCO	1	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -1	NP5929A	-3611.2	379176	0	0	379176
	2	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -2	NP5933A	-3744.2	393141	0	0	393141
	3	220 KV RENGALI (PG) - RENGALI (GRIDCO) -1	NP5989A	-807.6	84798	0	0	84798
	4	220 KV RENGALI (PG) - RENGALI (GRIDCO) -2	NP5990A	-383.4	40257	0	0	40257
	5	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -1	NP5957A	-10188.1	1069751	0	0	1069750.5
	6	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -2	NP5958A	-10936.4	1148322	0	0	1148322
	7	400 KV INDRAVATI (PG) - INDRAVATI P/H	NP5966A	7665.1	-804836	0	0	-804835.5
	8	132 KV BARIPADA - BARIPADA (GRIDCO)	NP5916A	-512.5	53813	-10.7	-1123.5	52689
	9	132 KV BARIPADA - RAIRANGPUR (GRIDCO)	NP5912A	-336.1	35291	-14.6	-1533	33757.5
	10	400 KV MMUNDALI (GRIDCO)- JEYPORE (PG)	NP2511A	NA	0	NA	0	0
	11	400 KV MMUNDALI (GRIDCO) - TSTPP (NTPC) -1	NP2527A	NA	0	NA	0	0
	12	400 KV MMUNDALI (GRIDCO) - TSTPP (NTPC) -2	NP2353A	NA	0	NA	0	0
	13	220 KV BARIPADA(PG)- BALASORE(GRIDCO)	NP5915A	-524.1	55031	0	0	55030.5
	14	220 KV BARIPADA (PG)- BALASORE (GRIDCO)	NP5913A	-476.4	50022	0	0	50022
		TOTAL			2504765	-2657	2502108	
SIKKIM	1	132 KV MELLI (SIKKIM) - SILIGURI (PG)	NP5995A	-324.3	34052	-0.3	-31.5	34020
	2	132 KV MELLI (SIKKIM) - GANGTOK (PG)	NP5996A	-14.1	1481	0.1	10.5	1491
	3	66 KV MELLI (SIKKIM) - RANGIT (NHPC)	NP6481A	NA	0	NA	0	0
	4	66 KV SIDE OF GANGTOK 132/66 KV ICT-1	NP6030A	0	0	252.6	26523	26523
	5	66 KV SIDE OF GANGTOK 132/66 KV ICT-2	NP6035A	NA	0	NA	0	0
		TOTAL			35532	26502	62034	
WBSEB/WBSETCL	1	400 KV JEERAT (WBSEB) - FARAKKA (NTPC) -1	NP6445A	-8.4	882	-1773.8	-186249	-185367
	2	400 KV JEERAT (WBSEB) - SUBHASGRAM (PG)	NP6446A	-2.2	231	683	71715	71946
	3	220 KV SUBHASGRAM (PG)-BANTALA (WBSEB)	NP5080A	-3417.9	358880	-691.3	-72587	286293
	4	220 KV SUBHASGRAM (PG)-LAKHIKANTPUR (WBSEB)	NP5847A	-3145.6	330288	-615.9	-64670	265619
	5	132 KV MALDA (PG) - MALDA (WBSEB) -1	NP6476A	-180	18900	0	0	18900
	6	132 KV MALDA (PG) - MALDA (WBSEB) -2	NP6478A	-266.8	28014	0	0	28014
	7	132 KV SILIGURI (PG) - NBU-(WBSEB) -2	NP5946A	NA	0	NA	0	0
	8	132 KV SILIGURI (PG) - NBU (WBSEB) -1	NP5889A	-134.2	14091	0	0	14091
	9	132KV BIRPARA(PG) - BIRPARA(WB) -I	NP6469A	-264.3	27752	-108.3	-11372	16380
	10	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) II	NP5882A	-3016.3	316712	0	0	316712
	11	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) I	NP5881A	-2707	284235	0	0	284235
	12	132 KV RAMMAM (WBSEB) - RANGIT (NHPC)	NP5917A	NA	0	NA	0	0
	13	220 KV BIDHANNAGAR (WBSEB) - PARULIA (PG)	NP6486A	0	0	0	0	0
	14	400 KV KOLAGHAT (WBSEB) - BARIPADA (PG)	NP6487A	-5814.5	610523	0	0	610523
	15	400 KV DURGAPUR(PG)- PURULIA PPS (WB)	NP5831A	-7988.3	838772	0	0	838772
	16	132KV BIRPARA(PG) - BIRPARA(WB) -II	NP6470A	-1	105	-537	-56385	-56280
	17	400 KV SAGARDIGHI TPS(WB) - FARAKKA (NTPC)	NP6482A	-8645.8	907809	0	0	907809

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DETAILED REACTIVE ENERGY (VArH) EXCHANGE AMONG THE UTILITIES
FOR THE PERIOD 26.09.11 TO
02.10.11

CONNECTED STATES	SL. NO	NAME OF THE LINE	END	METER NO	MVArH_HIGH	ADJUSTED MVArH_HIGH	MVArH_LOW	ADJUSTED MVArH_LOW
BSEB <---->JSEB	1	220 KV BODHGAYA(BSEB) - PATRATU -1 (JSEB) 220 KV PATRATU(JSEB) - BODHGAYA -1 (BSEB)	BSEB JSEB MINIMUM	NP0480A NP0425A	NA NA 0	0 0 0	NA NA 0	0 0 0
	2	220 KV BODHGAYA(BSEB) - PATRATU -2 (JSEB) 220 KV PATRATU(JSEB) - BODHGAYA -2 (BSEB)	BSEB JSEB MINIMUM	NP0426A NP0434A	NA NA 0	0 0 0	NA NA 0	0 0 0
	3	132 KV SONENAGAR (BSEB) - JAPLA (JSEB) 132 KV GARWA (JSEB) - SONENAGAR (BSEB)	BSEB JSEB MINIMUM	NP6015B NP6112A	-161.8 NA 0	0 0 0	-85.4 NA 0	0 0 0
	4	132 KV SULTANGANJ (BSEB) - DEOGARH (JSEB) 132 KV DEOGARH (JSEB) - SULTANGANJ (BSEB)	BSEB JSEB MINIMUM	NP6047B NP6048B	NA NA 0	0 0 0	NA NA 0	0 0 0
	5	220 KV BIHARSARIFF (BSEB) - TENUGHAT (JSEB) 220 KV TENUGHAT (JSEB) - BIHARSARIFF (BSEB)	BSEB JSEB MINIMUM	NP5844A NP6115A	1745 NA 0	0 0 0	0 NA 0	0 0 0
	6	132 KV SABOUR (BSEB) - LALMATIA (JSEB) 132 KV LALMATIA (JSEB) - SABOUR (BSEB)	BSEB JSEB MINIMUM	NP6078A NP6107A	0 NA 0	0 0 0	0 NA 0	0 0 0
	7***	132 KV SULTANGANJ (BSEB) - LALMATIA (JSEB) 132 KV LALMATIA(JSEB)-SULTANGANJ(BSEB)	BSEB JSEB MINIMUM	NP6073A ----	0 NA 0	0 0 0	0.00 NA 0	0 0 0
BSEB <---->DVC	1***	132 KV BIHARSHARIF (BSEB) - BARHI (DVC) 132 KV RAJGIR (BSEB) - BARHI (DVC) 132 KV BARHI (DVC) - RAJGIR/BSF (BSEB)	BSEB BSEB DVC	NP5842A NP6066A NP6007B	600.8 0 -390	0 0 0	0.1 0 -2085.3	0 0 0
BSEB <---->UPCCL	1 ***	132 KV KARMANASHA(BSEB) - SAHUPURI(UPSEB)-2 SAHUPURI (NR) - KARMANASA (BSEB)-2	BSEB UPCCL MINIMUM	NP6018B NP1529A	-19.7 -1.5 0	0 0 0	-389.8 457.1 -389.8	-389.8 389.8 0
	2 ***	132 KV KARMANASHA(BSEB) - CHANDAULI (UPSEB) CHANDAULI (NR) - K'NASA	BSEB UPCCL MINIMUM	NP6017B NP1292A	0 0 0	0 0 0	0 0 0	0 0 0
	3	132 KV SONENAGAR(BSEB) - RIHAND(UPSEB) RIHAND(NR) - SONENAGAR (BSEB)	BSEB UPCCL MINIMUM	NP6013B NP1295A	115 NA 0	0 0 0	-228.4 NA 0	0 0 0
JSEB <---->GRIDCO	1	220 KV RAMCHANDRAPUR (JSEB) - JODA (GRIDCO) 220 KV JODA (GRIDCO) - RAMCHANDRAPUR (JSEB)	JSEB GRIDCO MINIMUM	NP6102A NP5937A	1832.2 -3956.9 1832.2	1832.2 -1832.2 0	0 0 0	0 0 0
	2 ***	132 KV KENDOPOSI (JSEB) - JODA (GRIDCO) 132 KV JODA (GRIDCO) - KENDOPOSI (JSEB)	JSEB GRIDCO MINIMUM	NP6117A NP5939A	NA 0 0	0 0 0	NA 0 0	0 0 0
	3 ***	132 KV GOELKERA (JSEB) - ROURKELA (GRIDCO) 132 KV ROURKELA (GRIDCO) - GOELKERA (JSEB)	JSEB GRIDCO MINIMUM	NP6009B NP0383A	NA NA 0	0 0 0	NA NA 0	0 0 0
JSEB <---->DVC	1	132 KV PATRATU (JSEB) - PATRATU (DVC) -1 132 KV PATRATU (DVC)-PATRATU(JSEB)-1&2(SUM)	JSEB DVC MINIMUM	NP6004B NP6006B	NA -30.8 0	0 0 0	NA -3.2 0	0 0 0
	2	132 KV CHANDIL (JSEB) - MANIQUE (DVC) 132 KV MANIQUE (DVC) - CHANDIL (JSEB)	JSEB DVC MINIMUM	NP6104A NP6011B	NA 0 0	0 0 0	NA 0 0	0 0 0
	3	132 KV JAMTARA (JSEB) - MAITHON (DVC) 132 KV MAITHON (DVC) - JAMTARA (JSEB)	JSEB DVC MINIMUM	NP6110A NP6562B	NA 8.4 0	0 0 0	NA 2.1 0	0 0 0

EASTERN REGIONAL POWER COMMITTEE:: KOLKATA

**DETAILED REACTIVE ENERGY (VArH) EXCHANGE AMONG THE UTILITIES
FOR THE PERIOD 26.09.11 TO**

02-10-11

CONNECTED STATES	SL. NO	NAME OF THE LINE	END	METER NO	MVArH_HIGH	ADJUSTED MVArH_HIGH	MVArH_LOW	ADJUSTED MVArH_LOW
JSEB<---->WBSEB	1	220 KV CHANDIL (JSEB) - SANTALDIH (WBSEB)	JSEB	NP6119A	NA	0	NA	0
		220 KV SANTALDIH (WBSEB) - CHANDIL (JSEB)	WBSEB	NP6488A	-2309.6	0	0	0
			MINIMUM		0		0	0
JSEB<---->UPCCL	1 ***	132 KV GARWA (JSEB) - RIHAND (UPSEB)	JSEB	NP6113A	NA	0	NA	0
		RIHAND(NR) - GARWA (JSEB)	UPSEB	NP1296A	808.5	0	19.3	0
			MINIMUM		0		0	0
DVC <---->WBSEB	1	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB)	DVC	NP6564B	-148	0	0	0
		220 KV BIDHANNAGAR (WBSEB) - WARIA (DVC)	WBSEB	NP6484A	0	0	0	0
			MINIMUM		0		0	0
	2	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB)-2	DVC	NP6471A	-154.7	0	0	0
		220 KV BIDHANNAGAR (WBSEB) - WARIA (DVC)-2	WBSEB	NP6485A	0	0	0	0
			MINIMUM		0		0	0
	3	132 KV KOLAGHAT(DVC) - KOLAGHAT (WBSEB)	DVC	NP6558B	1	0	10.6	0
132 KV KOLAGHAT(WBSEB) - KOLAGHAT (DVC)		WBSEB	----	NA	0	NA	0	
		MINIMUM		0		0	0	
4	132 KV KHARAGPUR (DVC) - KHARAGPUR (WBSEB)	DVC	NP6559B	NA	0	NA	0	
	132 KV KHARAGPUR (WBSEB) - KHARAGPUR (DVC)	WBSEB	----	NA	0	NA	0	
		MINIMUM		0		0	0	
5	132 KV PURULIA (DVC) - PURULIA (WBSEB)	DVC	NP6560B	NA	0	NA	0	
	132 KV PURULIA (WBSEB) - PURULIA (DVC)	WBSEB	----	NA	0	NA	0	
		MINIMUM		0		0	0	
6***	132 KV WARIA (DVC) - DPL (WBSEB) -1&2(SUM)	DVC	NP0633B	0	0	0	0	
		132 KV DPL (WBSEB) - WARIA (DVC)	WBSEB	----	NA	0	NA	0
		MINIMUM		0		0	0	
DVC<-----> GRIDCO	1	220 KV JAMSHEDPUR (DVC) - JODA(GRIDCO)	GRIDCO	NP6008B	-1803.8	0	0	0
		220 KV JODA (GRIDCO) - JAMSHEDPUR (DVC)	DVC	NP5938A	NA	0	NA	0
		MINIMUM		0		0	0	
GRIDCO<----->CSEB	1	220 KV BUDHIPADAR (GRIDCO) - RAIGARH (CSEB) -1	GRIDCO	NP5940A	-1995.9	0	0	0
		220 KV RAIGARH(WR) - BUDIPADAR (ER)	MPSEB	NP2104A	NA	0	NA	0
			MINIMUM		0		0	0
	2	220 KV BUDHIPADAR (GRIDCO) - KORBA (CSEB) -2	GRIDCO	NP5941A	-2429.1	0	0	0
220 KV KORBA (WR) - BUDIPADAR (ER)-2		MPSEB	NP2122A	-1160.3	0	0	0	
		MINIMUM		0		0	0	
WBSEB <---->SIKKIM	1	66 KV KALIMPONG (WBSEB) - MELLI (SIKKIM)	WBSEB	NP5994A	-6.3	-6.3	-24.3	-16.2
		66 KV MELLI (SIKKIM) - KALIMPONG (WBSEB)	SIKKIM	NP5849A	8.3	6.3	16.2	16.2
			MINIMUM		-6.3		-16.2	

Note: 1) For reactive energy, (+) means injection by the utility and (-) means drawal by the utility

2) Tie lines marked with asterisks(****) under serial no. are excluded from the purview of reactive energy accounts as per decision of Commercial Committee meeting held on 28.07.03 and meeting of the Group on 15.09.06

3) Adjusted MVArH_HIGH and MVArH_LOW are calculated by considering minimum of two end reading in line with case 3 of annexure-3 of revised IEGC.

4) Utilities may settle the VArH charges among themselves as per provisions laid down in clause 6.6.7 of IEGC.

5) "NA" means meter reading not available.