

**Eastern Regional Power Committee:: KOLKATA**

**Provisional Reactive Energy (VArH) Charge Statement  
for the period 31/10/11 to 06/11/11**

**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 31/10/11 to 06/11/11

BENEFICIARY	SL. NO	NAME OF THE LINE	METER NO	MVArH_HIGH	REACTIVE CHARGE_MVArH (Rs)	MVArH_LOW	REACTIVE CHARGE_MVArH (Rs)	NET REACTIVE CHARGE (Rs)
<b>BSEB</b>	1	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-1	NP5841A	-7757.5	814538	0	0	814537.5
	2	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-2	NP5840A	-7490.3	786482	0	0	786481.5
	3	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-3	NP5843A	-5862.8	615594	0	0	615594
	4	132 KV PURNEA (PG) - PURNEA (BSEB) -1	NP6081A	118	-12390	0	0	-12390
	5	132 KV PURNEA (PG) - PURNEA (BSEB) -2	NP6082A	-91.9	9650	0	0	9649.5
	6	132 KV PURNEA (PG) - PURNEA (BSEB) -3	NP6083A	202.3	-21242	-1.6	-168	-21409.5
	7	220 KV PUSAULI (PG) - DEHRI (BSEB)	NP6093A	-3128	328440	0	0	328440
	8	132 KV PUSAULI(PG)-DEHRI(BSEB)	NP6095A	37.1	-3896	574.7	60343.5	56448
	9	132 KV PUSAULI(PG)-KARMANASA(BSEB)	NP6094A	-14.2	1491	-811.3	-85186.5	-83695.5
	10	132 KV ARAH (PG)- ARAH (BSEB)	NP6051A	-748.9	78635	0	0	78634.5
	11	132 KV ARAH (PG)- DUMRAO (BSEB)	NP6054A	-979.6	102858	0	0	102858
	12	220 KV KHAGAUL(BSEB) - ARAH (PG)-1	NP4200A	0	0	NA	0	0
	13	220 KV KHAGAUL(BSEB) - ARAH (PG)-2	NP4201A	0	0	NA	0	0
	14	220 KV KANTI (BSEB)-MUZAFFARPUR (PG)-1	NP5064A	-321.6	33768	-68.3	-7171.5	26596.5
	15	220 KV KANTI (BSEB)-MUZAFFARPUR (PG)-2	NP5065A	-77.8	8169	-85.9	-9019.5	-850.5
	16	220 KV PATNA ICT I (BSEB)	NP5271A	-3954.8	415254	0	0	415254
	17	220 KV PATNA ICT II (BSEB)	NP5866A	-3245.4	340767	0	0	340767
	18	132 KV PURNEA (PG) - KISHANGANJ (BSEB)	NP6084A	174.1	-18281	0	0	-18280.5
		<b>TOTAL</b>			<b>3479837</b>		<b>-41202</b>	<b>3438635</b>
<b>JSEB</b>	1	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-1	NP6103A	-13739.1	1442606	0	0	1442605.5
	2	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-2	NP0452A	NA	0	NA	0	0
		220 KV RANCHI(PG) - PATRATU(JSEB)	NP5879A	-4556.3	478412	0	0	478411.5
		220 KV RANCHI(PG) - CHANDIL(JSEB)	NP5874A	2111.2	-221676	0	0	-221676
		<b>TOTAL</b>			<b>1699341</b>	<b>0</b>	<b>1699341</b>	
<b>DVC</b>	1	220 KV DURGAPUR (PG) - PARULIA (DVC) -1	NP6456A	-10336.4	1085322	0	0	1085322
	2	220 KV DURGAPUR (PG) - PARULIA (DVC) -2	NP6458A	-4506.8	473214	0	0	473214
	3	220 KV MAITHON (PG) - KALYANESWARI (DVC) -1	NP6451A	-1176	123480	0	0	123480
	4	220 KV MAITHON (PG) - KALYANESWARI (DVC) -2	NP6529A	-1675.6	175938	0	0	175938
		<b>TOTAL</b>			<b>1857954</b>	<b>0</b>	<b>1857954</b>	
<b>GRIDCO</b>	1	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -1	NP5929A	-2223.2	233436	0	0	233436
	2	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -2	NP5933A	-2321.4	243747	0	0	243747
	3	220 KV RENGALI (PG) - RENGALI (GRIDCO) -1	NP5989A	-860.6	90363	0	0	90363
	4	220 KV RENGALI (PG) - RENGALI (GRIDCO) -2	NP5990A	-228.1	23951	0	0	23950.5
	5	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -1	NP5957A	-9281.8	974589	0	0	974589
	6	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -2	NP5958A	-9421.4	989247	0	0	989247
	7	400 KV INDRAVATI (PG) - INDRAVATI P/H	NP5966A	8663.7	-909689	0	0	-909688.5
	8	132 KV BARIPADA - BARIPADA (GRIDCO)	NP5916A	-954.1	100181	-18.2	-1911	98269.5
	9	132 KV BARIPADA - RAIRANGPUR (GRIDCO)	NP5912A	-496.9	52175	-22	-2310	49864.5
	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	-872.8	91644	0	0	91644
	14	220 KV BARIPADA (PG)- BALASORE (GRIDCO)	NP5913A	-547.8	57519	0	0	57519
		<b>TOTAL</b>			<b>1947162</b>	<b>-4221</b>	<b>1942941</b>	
<b>SIKKIM</b>	1	132 KV MELLI (SIKKIM) - SILIGURI (PG)	NP5995A	-149	15645	-37.7	-3958.5	11686.5
	2	132 KV MELLI (SIKKIM) - GANGTOK (PG)	NP5996A	-7.6	798	11.2	1176	1974
	3	66 KV MELLI (SIKKIM) - RANGIT (NHPC)	NP6481A	0	0	NA	0	0
	4	66 KV SIDE OF GANGTOK 132/66 KV ICT-1	NP6030A	0	0	354	37170	37170
	5	66 KV SIDE OF GANGTOK 132/66 KV ICT-2	NP6035A	NA	0	NA	0	0
		<b>TOTAL</b>			<b>16443</b>	<b>34388</b>	<b>50831</b>	
<b>WBSEB/WBSETCL</b>	1	400 KV JEERAT (WBSEB) - FARAKKA (NTPC) -1	NP6445A	-1152	120960	-94.8	-9954	111006
	2	400 KV JEERAT (WBSEB) - SUBHASGRAM (PG)	NP6446A	-1277.8	134169	-3	-315	133854
	3	220 KV SUBHASGRAM (PG)-BANTALA (WBSEB)	NP5080A	-3303.1	346826	-1.9	-200	346626
	4	220 KV SUBHASGRAM (PG)-LAKHIKANTPUR (WBSEB)	NP5847A	-3191.7	335129	-0.3	-32	335097
	5	132 KV MALDA (PG) - MALDA (WBSEB) -1	NP6476A	700.7	-73574	0	0	-73574
	6	132 KV MALDA (PG) - MALDA (WBSEB) -2	NP6478A	464.6	-48783	0	0	-48783
	7	132 KV SILIGURI (PG) - NBU-(WBSEB) -2	NP5946A	NA	0	NA	0	0
	8	132 KV SILIGURI (PG) - NBU (WBSEB) -1	NP5889A	-14.3	1502	-2.1	-221	1281
	9	132KV BIRPARA(PG) - BIRPARA(WB) -I	NP6469A	-278.3	29222	-69.7	-7319	21903
	10	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) II	NP5882A	-1032.7	108434	0	0	108434
	11	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) I	NP5881A	-1061.5	111458	0	0	111458
	12	132 KV RAMMAM (WBSEB) - RANGIT (NHPC)	NP5917A	NA	0	NA	0	0
	13	220 KV BIDHANNAGAR (WBSEB) - PARULIA (PG)	NP6486A	-100	10500	0	0	10500
	14	400 KV KOLAGHAT (WBSEB) - BARIPADA (PG)	NP6487A	-13002.6	1365273	0	0	1365273
	15	400 KV DURGAPUR(PG)- PURULIA PPS (WB)	NP5831A	-2013.1	211376	0	0	211376
	16	132KV BIRPARA(PG) - BIRPARA(WB) -II	NP6470A	-7.5	788	-316.5	-33233	-32445
	17	400 KV SAGARDIGHI TPS(WB) - FARAKKA (NTPC)	NP6482A	-1797.8	188769	0	0	188769

**EASTERN REGIONAL POWER COMMITTEE:: KOLKATA**

**DETAILED REACTIVE ENERGY (VArH) EXCHANGE AMONG THE UTILITIES**  
**FOR THE PERIOD 31.10.11 TO**  
**06.11.11**

CONNECTED STATES	SL. NO	NAME OF THE LINE	END	METER NO	MVArH_HIGH	ADJUSTED MVArH_HIGH	MVArH_LOW	ADJUSTED MVArH_LOW
<b>BSEB &lt;----&gt;JSEB</b>	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	-138 49.5 -49.5	-49.5 49.5	97.2 -266.2 97.2	97.2 -97.2
	4	132 KV SULTANGANJ (BSEB) - DEOGARH (JSEB) 132 KV DEOGARH (JSEB) - SULTANGANJ (BSEB)	BSEB JSEB MINIMUM	NP6047B NP6048B	NA -53 0	0 0	NA -9 0	0 0
	5	220 KV BIHARSARIFF (BSEB) - TENUGHAT (JSEB) 220 KV TENUGHAT (JSEB) - BIHARSARIFF (BSEB)	BSEB JSEB MINIMUM	NP5844A NP6115A	-242.2 -1096.6 0	0 0	0 0 0	0 0
	6	132 KV SABOUR (BSEB) - LALMATIA (JSEB) 132 KV LALMATIA (JSEB) - SABOUR (BSEB)	BSEB JSEB MINIMUM	NP6078A NP6107A	NA -573.5 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	0.00 NA 0	0 0
<b>BSEB &lt;----&gt;DVC</b>	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	204.3 0 -310.9	0 0 0	0.1 0 -2385.1	0 0 0
<b>BSEB &lt;----&gt;UPCCL</b>	1 ***	132 KV KARMANASHA(BSEB) - SAHUPURI(UPSEB)-2 SAHUPURI (NR) - KARMANASA (BSEB)-2	BSEB UPCCL MINIMUM	NP6018B NP1529A	0 -73.4 0	0 0	0 -17.1 0	0 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
	3	132 KV SONENAGAR(BSEB) - RIHAND(UPSEB) RIHAND(NR) - SONENAGAR (BSEB)	BSEB UPCCL MINIMUM	NP6013B NP1295A	-0.4 -1299.1 0	0 0	-0.3 0 0	0 0
<b>JSEB &lt;----&gt;GRIDCO</b>	1	220 KV RAMCHANDRAPUR (JSEB) - JODA (GRIDCO) 220 KV JODA (GRIDCO) - RAMCHANDRAPUR (JSEB)	JSEB GRIDCO MINIMUM	NP6102A NP5937A	1392.7 -4011.3 1392.7	1392.7 -1392.7	0 0 0	0 0
	2 ***	132 KV KENDOPOSI (JSEB) - JODA (GRIDCO) 132 KV JODA (GRIDCO) - KENDOPOSI (JSEB)	JSEB GRIDCO MINIMUM	NP6117A NP5939A	NA -13.2 0	0 0	NA 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	NA NA 0	0 0
<b>JSEB &lt;----&gt;DVC</b>	1	132 KV PATRATU (JSEB) - PATRATU (DVC) -1 132 KV PATRATU (DVC)-PATRATU(JSEB)-1&2(SUM)	JSEB DVC MINIMUM	NP6004B NP6006B	0 -7.6 0	0 0	1726.1 0 0	0 0
	2	132 KV CHANDIL (JSEB) - MANIQUE (DVC) 132 KV MANIQUE (DVC) - CHANDIL (JSEB)	JSEB DVC MINIMUM	NP6104A NP6011B	777.9 0 0	0 0	0 9.9 0	0 0
	3	132 KV JAMTARA (JSEB) - MAITHON (DVC) 132 KV MAITHON (DVC) - JAMTARA (JSEB)	JSEB DVC MINIMUM	NP6110A NP6562B	0 84.1 0	0 0	351.8 0 0	0 0

**EASTERN REGIONAL POWER COMMITTEE:: KOLKATA**

**DETAILED REACTIVE ENERGY (VArH) EXCHANGE AMONG THE UTILITIES  
FOR THE PERIOD 31.10.11 TO**

**06.11.11**

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) 220 KV SANTALDIH (WBSEB) - CHANDIL (JSEB)	JSEB	NP6119A	4854.9	4854.9	0	0
			WBSEB	NP6488A	-6020	-4854.9	0	0
			MINIMUM		4854.9		0	
JSEB<---->UPCCL	1 ***	132 KV GARWA (JSEB) - RIHAND (UPSEB) RIHAND(NR) - GARWA (JSEB)	JSEB	NP6113A	-1.3	-1.3	-803	-12.5
			UPSEB	NP1296A	997.4	1.3	12.5	12.5
			MINIMUM		-1.3		-12.5	
DVC <---->WBSEB	1	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB) 220 KV BIDHANNAGAR (WBSEB) - WARIA (DVC)	DVC	NP6564B	-1053.6	-24.2	0	0
			WBSEB	NP6484A	24.2	24.2	0	0
			MINIMUM		-24.2		0	
	2	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB)-2 220 KV BIDHANNAGAR (WBSEB) - WARIA (DVC)-2	DVC	NP6471A	-1094.2	-44.8	0	0
			WBSEB	NP6485A	44.8	44.8	0	0
			MINIMUM		-44.8		0	
	3	132 KV KOLAGHAT(DVC) - KOLAGHAT (WBSEB) 132 KV KOLAGHAT(WBSEB) - KOLAGHAT (DVC)	DVC	NP6558B	2.3	0	11.9	0
			WBSEB	----	NA	0	NA	0
			MINIMUM		0		0	
	4	132 KV KHARAGPUR (DVC) - KHARAGPUR (WBSEB) 132 KV KHARAGPUR (WBSEB) - KHARAGPUR (DVC)	DVC	NP6559B	NA	0	NA	0
			WBSEB	----	NA	0	NA	0
			MINIMUM		0		0	
5	132 KV PURULIA (DVC) - PURULIA (WBSEB) 132 KV PURULIA (WBSEB) - PURULIA (DVC)	DVC	NP6560B	NA	0	NA	0	
		WBSEB	---	NA	0	NA	0	
		MINIMUM		0		0		
6***	132 KV WARIA (DVC) - DPL (WBSEB) -1&2(SUM) 132 KV DPL (WBSEB) - WARIA (DVC)	DVC	NP0633B	0	0	0	0	
		WBSEB	---	NA	0	NA	0	
		MINIMUM		0		0		
DVC<-----> GRIDCO	1	220 KV JAMSHEDPUR (DVC) - JODA(GRIDCO) 220 KV JODA (GRIDCO) - JAMSHEDPUR (DVC)	GRIDCO	NP6008B	-2800.9	0	0	0
			DVC	NP5938A	NA	0	NA	0
			MINIMUM		0		0	
GRIDCO<----->CSEB	1	220 KV BUDHIPADAR (GRIDCO) - RAIGARH (CSEB) -1 220 KV RAIGARH(WR) - BUDIPADAR (ER)	GRIDCO	NP5940A	-2041.3	0	0	0
			MPSEB	NP2104A	NA	0	NA	0
			MINIMUM		0		0	
	2	220 KV BUDHIPADAR (GRIDCO) - KORBA (CSEB) -2 220 KV KORBA (WR) - BUDIPADAR (ER)-2	GRIDCO	NP5941A	-2885.3	0	0	0
			MPSEB	NP2122A	-1509.3	0	0	0
			MINIMUM		0		0	
WBSEB <---->SIKKIM	1	66 KV KALIMPONG (WBSEB) - MELLI (SIKKIM) 66 KV MELLI (SIKKIM) - KALIMPONG (WBSEB)	WBSEB	NP5994A	-2.2	-2.2	-54.3	-44.1
			SIKKIM	NP5849A	2.6	2.2	44.1	44.1
			MINIMUM		-2.2		-44.1	

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.