

**Eastern Regional Power Committee:: KOLKATA**

**Provisional Reactive Energy (VArH) Charge Statement  
for the period 20/06/11 to 26/06/11**

**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 20/06/11 to 26/06/11

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	-6471.5	679508	0	0	679507.5	
	2	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-2	NP5840A	-5889.6	618408	0	0	618408	
	3	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-3	NP5843A	-4960.8	520884	-2.4	-252	520632	
	4	132 KV PURNEA (PG) - PURNEA (BSEB) -1	NP6081A	63.2	-6636	0	0	-6636	
	5	132 KV PURNEA (PG) - PURNEA (BSEB) -2	NP6082A	79	-8295	0	0	-8295	
	6	132 KV PURNEA (PG) - PURNEA (BSEB) -3	NP6083A	182.4	-19152	1	105	-19047	
	7	220 KV PUSAULI (PG) - DEHRI (BSEB)	NP6093A	1165.6	-122388	0	0	-122388	
	8	132 KV PUSAULI(PG)-DEHRI(BSEB)	NP6095A	205.5	-21578	114.3	12001.5	-9576	
	9	132 KV PUSAULI(PG)-KARMANASA(BSEB)	NP6094A	-438.7	46064	-21.4	-2247	43816.5	
	10	132 KV ARAH (PG)- ARAH (BSEB)	NP6051A	-508.2	53361	-27.4	-2877	50484	
	11	132 KV ARAH (PG)- DUMRAO (BSEB)	NP6054A	-64.8	6804	-48.2	-5061	1743	
	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	-2180.2	228921	-48	-5040	223881	
	15	220 KV KANTI (BSEB)-MUZAFFARPUR (PG)-2	NP5065A	1042.2	-109431	-75.8	-7959	-117390	
	16	220 KV PATNA ICT I (BSEB)	NP5271A	-4212.4	442302	0	0	442302	
	17	220 KV PATNA ICT II (BSEB)	NP5866A	-3433.6	360528	-0.4	-42	360486	
			18	132 KV PURNEA (PG) - KISHANGANJ (BSEB)	NP6084A	-181	19005	0	0
		<b>TOTAL</b>			<b>2688305</b>		<b>-11371.5</b>	<b>2676933</b>	
<b>JSEB</b>	1	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-1	NP6103A	-13687.1	1437146	0	0	1437145.5	
	2	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-2	NP0452A	NA	0	NA	0	0	
		220 KV RANCHI(PG) - PATRATU(JSEB)	NP5879A	-1606.2	168651	0	0	168651	
		220 KV RANCHI(PG) - CHANDIL(JSEB)	NP5874A	2733.7	-287039	0	0	-287038.5	
		<b>TOTAL</b>			<b>1318758</b>	<b>0</b>	<b>1318758</b>		
<b>DVC</b>	1	220 KV DURGAPUR (PG) - PARULIA (DVC) -1	NP6456A	-6510	683550	0	0	683550	
	2	220 KV DURGAPUR (PG) - PARULIA (DVC) -2	NP6458A	-1768.4	185682	0	0	185682	
	3	220 KV MAITHON (PG) - KALYANESWARI (DVC) -1	NP6451A	-159.4	16737	0	0	16737	
	4	220 KV MAITHON (PG) - KALYANESWARI (DVC) -2	NP6529A	0	0	0	0	0	
		<b>TOTAL</b>			<b>885969</b>	<b>0</b>	<b>885969</b>		
<b>GRIDCO</b>	1	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -1	NP5929A	-4851.8	509439	0	0	509439	
	2	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -2	NP5933A	-5234.2	549591	0	0	549591	
	3	220 KV RENGALI (PG) - RENGALI (GRIDCO) -1	NP5989A	-768.5	80693	0	0	80692.5	
	4	220 KV RENGALI (PG) - RENGALI (GRIDCO) -2	NP5990A	-792.9	83255	0	0	83254.5	
	5	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -1	NP5957A	-10570.2	1109871	0	0	1109871	
	6	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -2	NP5958A	-10656.5	1118933	-0.1	-10.5	1118922	
	7	400 KV INDRAVATI (PG) - INDRAVATI P/H	NP5966A	6859.3	-720227	0	0	-720226.5	
	8	132 KV BARIPADA - BARIPADA (GRIDCO)	NP5916A	-494.9	51965	-88	-9240	42724.5	
	9	132 KV BARIPADA - RAIRANGPUR (GRIDCO)	NP5912A	136.3	-14312	1.2	126	-14185.5	
	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	-412	43260	-117.1	-12295.5	30964.5	
	14	220 KV BARIPADA (PG)- BALASORE (GRIDCO)	NP5913A	-363.8	38199	-77.6	-8148	30051	
		<b>TOTAL</b>			<b>2850666</b>	<b>-29568</b>	<b>2821098</b>		
<b>SIKKIM</b>	1	132 KV MELLI (SIKKIM) - SILIGURI (PG)	NP5995A	-304.2	31941	0	0	31941	
	2	132 KV MELLI (SIKKIM) - GANGTOK (PG)	NP5996A	57.4	-6027	0	0	-6027	
	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	348.3	36571.5	36571.5	
	5	66 KV SIDE OF GANGTOK 132/66 KV ICT-2	NP6035A	NA	0	NA	0	0	
		<b>TOTAL</b>			<b>25914</b>	<b>36572</b>	<b>62486</b>		
<b>WBSEB/WBSETCL</b>	1	400 KV JEERAT (WBSEB) - FARAKKA (NTPC) -1	NP6445A	0	0	-740.4	-77742	-77742	
	2	400 KV JEERAT (WBSEB) - SUBHASGRAM (PG)	NP6446A	0	0	195.2	20496	20496	
	3	220 KV SUBHASGRAM (PG)-BANTALA (WBSEB)	NP5080A	-3006.1	315641	-38.7	-4064	311577	
	4	220 KV SUBHASGRAM (PG)-LAKHIKANTPUR (WBSEB)	NP5847A	-3731.6	391818	-7	-735	391083	
	5	132 KV MALDA (PG) - MALDA (WBSEB) -1	NP6476A	-197.9	20780	0	0	20780	
	6	132 KV MALDA (PG) - MALDA (WBSEB) -2	NP6478A	-297.1	31196	0	0	31196	
	7	132 KV SILIGURI (PG) - NBU-(WBSEB) -2	NP5946A	NA	0	NA	0	0	
	8	132 KV SILIGURI (PG) - NBU-(WBSEB) -1	NP5889A	-69.9	7340	0.1	11	7350	
	9	132KV BIRPARA(PG) - BIRPARA(WB) -I	NP6469A	-190.4	19992	-27.5	-2888	17105	
	10	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) II	NP5882A	-2833.9	297560	0	0	297560	
	11	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) I	NP5881A	-2624	275520	0	0	275520	
	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	-3835.7	402749	0	0	402749	
	15	400 KV DURGAPUR(PG) - PURULIA PPS (WB)	NP5831A	-240.7	25274	0	0	25274	
	16	132KV BIRPARA(PG) - BIRPARA(WB) -II	NP6470A	0	0	-382.8	-40194	-40194	
	17	400 KV SAGARDIGHI TPS(WB) - FARAKKA (NTPC)	NP6482A	-3773.1	396176	0	0	396176	

**EASTERN REGIONAL POWER COMMITTEE:: KOLKATA**

**DETAILED REACTIVE ENERGY (VArH) EXCHANGE AMONG THE UTILITIES  
FOR THE PERIOD 20.06.11 TO 26.06.11**

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	-15 NA 0	0 0 0	14.2 NA 0	0 0 0
	4	132 KV SULTANGANJ (BSEB) - DEOGARH (JSEB) 132 KV DEOGARH (JSEB) - SULTANGANJ (BSEB)	BSEB JSEB MINIMUM	NP6047B NP6048B	-38.1 NA 0	0 0 0	11.1 NA 0	0 0 0
	5	220 KV BIHARSARIFF (BSEB) - TENUGHAT (JSEB) 220 KV TENUGHAT (JSEB) - BIHARSARIFF (BSEB)	BSEB JSEB MINIMUM	NP5844A NP6115A	-1152.8 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	29 NA 0	0 0 0	-28.2 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	819.3 -0.9 -357.6	0 0 0	49.7 -7.8 -2214.5	0 0 0
BSEB <---->UPCCL	1 ***	132 KV KARMANASHA(BSEB) - SAHUPURI(UPSEB)-2 SAHUPURI (NR) - KARMANASA (BSEB)-2	BSEB UPCCL MINIMUM	NP6018B NP1529A	0 -33 0	0 0 0	0 -130.5 0	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 0 0
	3	132 KV SONENAGAR(BSEB) - RIHAND(UPSEB) RIHAND(NR) - SONENAGAR (BSEB)	BSEB UPCCL MINIMUM	NP6013B NP1295A	-2.7 939.2 -2.7	-2.7 2.7 0	-0.2 0 0	0 0 0
JSEB <---->GRIDCO	1	220 KV RAMCHANDRAPUR (JSEB) - JODA (GRIDCO) 220 KV JODA (GRIDCO) - RAMCHANDRAPUR (JSEB)	JSEB GRIDCO MINIMUM	NP6102A NP5937A	4571.7 -1200.4 1200.4	1200.4 -1200.4 0	0 -1.6 0	0 0 0
	2 ***	132 KV KENDOPOSI (JSEB) - JODA (GRIDCO) 132 KV JODA (GRIDCO) - KENDOPOSI (JSEB)	JSEB GRIDCO MINIMUM	NP6117A NP5939A	NA -31.7 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 -81.1 0	0 0 0	NA -42.2 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 20.1 0	0 0 0	NA 16.4 0	0 0 0

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**FOR THE PERIOD 20.06.11 TO 26.06.11**

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	-2488.8	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	-125	0	0	0
			MINIMUM		0		0	0
DVC <---->WBSEB	1	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB)	DVC	NP6564B	-49.9	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	-59.8	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	0	0	28	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	NA	0	NA	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	-5585.4	0	0	0
		220 KV RAIGARH(WR) - BUDIPADAR (ER)	MPSEB	NP2104A	0	0	0	0
			MINIMUM		0		0	0
	2	220 KV BUDHIPADAR (GRIDCO) - KORBA (CSEB) -2	GRIDCO	NP5941A	-2479.4	0	0	0
220 KV KORBA (WR) - BUDIPADAR (ER)-2		MPSEB	NP2122A	-1298.2	0	0	0	
		MINIMUM		0		0	0	
WBSEB <---->SIKKIM	1	66 KV KALIMPONG (WBSEB) - MELLI (SIKKIM)	WBSEB	NP5994A	-12.3	-12.3	-19.2	-12.9
		66 KV MELLI (SIKKIM) - KALIMPONG (WBSEB)	SIKKIM	NP5849A	12.9	12.3	12.9	12.9
			MINIMUM		-12.3		-12.9	

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.