

**Eastern Regional Power Committee:: KOLKATA**

**Provisional Reactive Energy (VArH) Charge Statement  
for the period 13/06/11 to 19/06/11**

***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 13/06/11 to 19/06/11

BENEFICIARY	SL. NO	NAME OF THE LINE	METER NO	MVAH_HIGH	REACTIVE CHARGE_MVAH (Rs)	MVAH_LOW	REACTIVE CHARGE_MVAH (Rs)	NET REACTIVE CHARGE (Rs)
<b>BSEB</b>	1	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-1	NP5841A	-7629.1	801056	0	0	801055.5
	2	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-2	NP5840A	-7450.3	782282	0	0	782281.5
	3	220 KV BIHARSHARIF(BSEB) - BIHARSHARIF(PG)-3	NP5843A	-6051.5	635408	0	0	635407.5
	4	132 KV PURNEA (PG) - PURNEA (BSEB) -1	NP6081A	108.1	-11351	-1.3	-136.5	-11487
	5	132 KV PURNEA (PG) - PURNEA (BSEB) -2	NP6082A	85.3	-8957	-1.8	-189	-9145.5
	6	132 KV PURNEA (PG) - PURNEA (BSEB) -3	NP6083A	292.1	-30671	-8.4	-882	-31552.5
	7	220 KV PUSAULI (PG) - DEHRI (BSEB)	NP6093A	2517	-264285	0	0	-264285
	8	132 KV PUSAULI(PG)-DEHRI(BSEB)	NP6095A	224.4	-23562	154	16170	-7392
	9	132 KV PUSAULI(PG)-KARMANASA(BSEB)	NP6094A	-439.4	46137	-48.2	-5061	41076
	10	132 KV ARAH (PG)- ARAH (BSEB)	NP6051A	-454.5	47723	-8.4	-882	46840.5
	11	132 KV ARAH (PG)- DUMRAO (BSEB)	NP6054A	-136.7	14354	-23.1	-2425.5	11928
	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	-1389.4	145887	-401.1	-42115.5	103771.5
	15	220 KV KANTI (BSEB)-MUZAFFARPUR (PG)-2	NP5065A	929.1	-97556	-327.2	-34356	-131911.5
	16	220 KV PATNA ICT I (BSEB)	NP5271A	-4178.2	438711	0	0	438711
	17	220 KV PATNA ICT II (BSEB)	NP5866A	-3479.4	365337	0	0	365337
	18	132 KV PURNEA (PG) - KISHANGANJ (BSEB)	NP6084A	-89.8	9429	-0.1	-10.5	9418.5
		<b>TOTAL</b>			<b>2849942</b>		<b>-69888</b>	<b>2780054</b>
<b>JSEB</b>	1	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-1	NP6103A	-12516.2	1314201	0	0	1314201
	2	220 KV RAMCHANDRAPUR(JSEB) - JAMSHEDPUR(PG)-2	NP0452A	0	0	NA	0	0
		220 KV RANCHI(PG) - PATRATU(JSEB)	NP5879A	-3004	315420	0	0	315420
		220 KV RANCHI(PG) - CHANDIL(JSEB)	NP5874A	3325.8	-349209	0	0	-349209
		<b>TOTAL</b>			<b>1280412</b>	<b>0</b>	<b>1280412</b>	
<b>DVC</b>	1	220 KV DURGAPUR (PG) - PARULIA (DVC) -1	NP6456A	-6793.8	713349	0	0	713349
	2	220 KV DURGAPUR (PG) - PARULIA (DVC) -2	NP6458A	-3586.8	376614	0	0	376614
	3	220 KV MAITHON (PG) - KALYANESWARI (DVC) -1	NP6451A	-94.6	9933	0	0	9933
	4	220 KV MAITHON (PG) - KALYANESWARI (DVC) -2	NP6529A	0	0	0	0	0
		<b>TOTAL</b>			<b>1099896</b>	<b>0</b>	<b>1099896</b>	
<b>GRIDCO</b>	1	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -1	NP5929A	-5616	589680	0	0	589680
	2	220 KV ROURKELA (PG) - TARKERA (GRIDCO) -2	NP5933A	-6123.8	642999	0	0	642999
	3	220 KV RENGALI (PG) - RENGALI (GRIDCO) -1	NP5989A	-881.7	92579	0	0	92578.5
	4	220 KV RENGALI (PG) - RENGALI (GRIDCO) -2	NP5990A	-965.4	101367	0	0	101367
	5	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -1	NP5957A	-9418.8	988974	0	0	988974
	6	220 KV JEYPORE (PG) - JEYNAGAR (GRIDCO) -2	NP5958A	-9435	990675	0	0	990675
	7	400 KV INDRAVATI (PG) - INDRAVATI P/H	NP5966A	8337.6	-875448	0	0	-875448
	8	132 KV BARIPADA - BARIPADA (GRIDCO)	NP5916A	-883.2	92736	-93	-9765	82971
	9	132 KV BARIPADA - RAIRANGPUR (GRIDCO)	NP5912A	583.8	-61299	10	1050	-60249
	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	-237.5	24938	-177.6	-18648	6289.5
	14	220 KV BARIPADA (PG)- BALASORE (GRIDCO)	NP5913A	-205.5	21578	-188	-19740	1837.5
		<b>TOTAL</b>			<b>2608778</b>	<b>-47103</b>	<b>2561675</b>	
<b>SIKKIM</b>	1	132 KV MELLI (SIKKIM) - SILIGURI (PG)	NP5995A	-294.5	30923	-0.2	-21	30901.5
	2	132 KV MELLI (SIKKIM) - GANGTOK (PG)	NP5996A	45.5	-4778	0	0	-4777.5
	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	314	32970	32970
	5	66 KV SIDE OF GANGTOK 132/66 KV ICT-2	NP6035A	NA	0	NA	0	0
		<b>TOTAL</b>			<b>26145</b>	<b>32949</b>	<b>59094</b>	
<b>WBSEB/WBSETCL</b>	1	400 KV JEERAT (WBSEB) - FARAKKA (NTPC) -1	NP6445A	-1040	109200	-559	-58695	50505
	2	400 KV JEERAT (WBSEB) - SUBHASGRAM (PG)	NP6446A	-281.4	29547	225.1	23636	53183
	3	220 KV SUBHASGRAM (PG)-BANTALA (WBSEB)	NP5080A	-3987	418635	-77.8	-8169	410466
	4	220 KV SUBHASGRAM (PG)-LAKHIKANTPUR (WBSEB)	NP5847A	-4314.3	453002	-57.6	-6048	446954
	5	132 KV MALDA (PG) - MALDA (WBSEB) -1	NP6476A	-129.7	13619	-0.1	-11	13608
	6	132 KV MALDA (PG) - MALDA (WBSEB) -2	NP6478A	-223.9	23510	-0.1	-11	23499
	7	132 KV SILIGURI (PG) - NBU-(WBSEB) -2	NP5946A	NA	0	NA	0	0
	8	132 KV SILIGURI (PG) - NBU (WBSEB) -1	NP5889A	-160	16800	0	0	16800
	9	132KV BIRPARA(PG) - BIRPARA(WB) -I	NP6469A	-295.7	31049	-23.3	-2447	28602
	10	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) II	NP5882A	-2557.5	268538	0	0	268538
	11	220 KV BINAGURI(PG)- JALPAIGURI(WBSEB) I	NP5881A	-2405.1	252536	0	0	252536
	12	132 KV RAMMAM (WBSEB) - RANGIT (NHPC)	NP5917A	NA	0	NA	0	0
	13	220 KV BIDHANNAGAR (WBSEB) - PARULIA (PG)	NP6486A	-19	1995	0	0	1995
	14	400 KV KOLAGHAT (WBSEB) - BARIPADA (PG)	NP6487A	-8849.8	929229	0	0	929229
	15	400 KV DURGAPUR(PG) - PURULIA PPS (WB)	NP5831A	-3403.6	357378	0	0	357378
	16	132KV BIRPARA(PG) - BIRPARA(WB) -II	NP6470A	-1.7	179	-325	-34125	-33947
	17	400 KV SAGARDIGHI TPS(WB) - FARAKKA (NTPC)	NP6482A	-4333.9	455060	0	0	455060

**EASTERN REGIONAL POWER COMMITTEE:: KOLKATA**

**DETAILED REACTIVE ENERGY (VArH) EXCHANGE AMONG THE UTILITIES**  
**FOR THE PERIOD 13.06.11 TO 19.06.11**

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	-176.1 NA 0	0 0 0	20.5 NA 0	0 0 0
	4	132 KV SULTANGANJ (BSEB) - DEOGARH (JSEB) 132 KV DEOGARH (JSEB) - SULTANGANJ (BSEB)	BSEB JSEB MINIMUM	NP6047B NP6048B	-94.4 NA 0	0 0 0	2.5 NA 0	0 0 0
	5	220 KV BIHARSARIFF (BSEB) - TENUGHAT (JSEB) 220 KV TENUGHAT (JSEB) - BIHARSARIFF (BSEB)	BSEB JSEB MINIMUM	NP5844A NP6115A	-1297.5 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	54.1 NA 0	0 0 0	-1.8 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
<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	2008 0 -548.8	0 0 0	25.2 0 -2334.4	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 -16.9 0	0 0 0	0 -193.2 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	-4.2 1213.7 -4.2	-4.2 4.2 0	-0.2 0 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	4699.2 -2865.5 2865.5	2865.5 -2865.5 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 -196 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
<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	NA -145.4 0	0 0 0	NA -146.8 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 28.3 0	0 0 0
	3	132 KV JAMTARA (JSEB) - MAITHON (DVC) 132 KV MAITHON (DVC) - JAMTARA (JSEB)	JSEB DVC MINIMUM	NP6110A NP6562B	NA 31.3 0	0 0 0	NA 6.3 0	0 0 0

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**FOR THE PERIOD 13.06.11 TO 19.06.11**

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	-3589.1	0	0	0
			MINIMUM		0		0	
JSEB<---->UPCCL	1 ***	132 KV GARWA (JSEB) - RIHAND (UPSEB)	JSEB	NP6113A	NA	0	NA	0
		RIHAND(NR) - GARWA (JSEB)	UPSEB	NP1296A	-236.9	0	0	0
			MINIMUM		0		0	
DVC <---->WBSEB	1	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB)	DVC	NP6564B	-436.4	-4.2	0	0
		220 KV BIDHANNAGAR (WBSEB) - WARIA (DVC)	WBSEB	NP6484A	4.2	4.2	-0.2	0
			MINIMUM		-4.2		0	
	2	220 KV WARIA (DVC) - BIDHANNAGAR (WBSEB)-2	DVC	NP6471A	-465.5	-18.9	0	0
		220 KV BIDHANNAGAR (WBSEB) - WARIA (DVC)-2	WBSEB	NP6485A	18.9	18.9	0	0
			MINIMUM		-18.9		0	
	3	132 KV KOLAGHAT(DVC) - KOLAGHAT (WBSEB)	DVC	NP6558B	4.7	0	152.7	0
132 KV KOLAGHAT(WBSEB) - KOLAGHAT (DVC)		WBSEB	----	NA	0	NA	0	
		MINIMUM		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		
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		
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		
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		
GRIDCO<----->CSEB	1	220 KV BUDHIPADAR (GRIDCO) - RAIGARH (CSEB) -1	GRIDCO	NP5940A	-5325.3	-7.8	0	0
		220 KV RAIGARH(WR) - BUDIPADAR (ER)	MPSEB	NP2104A	7.8	7.8	0	0
			MINIMUM		-7.8		0	
	2	220 KV BUDHIPADAR (GRIDCO) - KORBA (CSEB) -2	GRIDCO	NP5941A	-2004.8	0	0	0
220 KV KORBA (WR) - BUDIPADAR (ER)-2		MPSEB	NP2122A	-2245.3	0	0	0	
		MINIMUM		0		0		
WBSEB <---->SIKKIM	1	66 KV KALIMPONG (WBSEB) - MELLI (SIKKIM)	WBSEB	NP5994A	-18.6	-17	-20.8	-12
		66 KV MELLI (SIKKIM) - KALIMPONG (WBSEB)	SIKKIM	NP5849A	17	17	12	12
		MINIMUM		-17		-12		

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.