

**EASTERN REGIONAL POWER COMMITTEE**  
**14, Golf Club Road, Kolkata -700 033**

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**No. ERPC/COM-I/REA/2016/H3070-3107**

**Date: 07.10.2016**

**To: As per list attached.**

**Sub: PROVISIONAL REA FOR BI-LATERAL TRANSACTION OF ENERGY  
IN SEPTEMBER,2016.**

Sir,

The provisional statement of bilateral transactions for the month of September' 16 is enclosed for further necessary action by the constituents.

Constituents are requested to intimate any discrepancy / error within two months from the date of issue of this provisional REA. In case of any discrepancy/error, the provisional REA would be revised based on re-examination, final decision and confirmation. In case no communication is received from any of the constituents indicating mistakes / discrepancy, the provisional REA as issued, would be treated as final.

Yours faithfully,

Encl.: As above.

**(A.K.Bandyopadhyaya)**  
**Member Secretary**

## ERPC :: KOLKATA

### DISTRIBUTION LIST

- 1) CHIEF ENGINEER, TRANSMISSION (O&M), Bihar State Electricity Board, Vidut Bhavan, Bailey Road, Patna-800021 (FAX:0612 2227557).
- 2) CHIEF ENGINEER (COMML.), Damodar Valley Corporation, DVC Tower, VIP Road, Kolkata-700054 ( FAX: 033 23552129 )
- 3) CHIEF ENGINEER (COMML. & REVENUE ), Jharkhand State Electricity Board, HEC Engineering Building, Dhurva, Ranchi-834002 (FAX : 0651 2400799 / 2490486 ).
- 4) Addl. Chief Engineer (SLDC/EHV), Deptt. of Power, Govt. of Sikkim, Kazi Road, Gangtok-737101 (FAX:03592 202927/209199)
- 5) CHIEF ENGINEER (PTR), West Bengal State Electricity Distribution Company Limited, Bidut Bhavan, 8th Floor, Bidhannagar, Kolkata-700091 (FAX : 033 2334 5862 )
- 6) Sr. General Manager (PP), GRIDCO, 4th Floor, Vidut Bhavan, Saheed Nagar, Bhubaneswar-751007
- 7) General Manager, ERLDC, 14 Golf Club Road, Kolkata-700033 (FAX: 033 2423 3648)
- 8) Director (Operation), OHPC Ltd., Vanivihar Chowk, Janpath, Bhubaneswar-751022.
- 9) Chief Engineer (CLD), DVC, P.O.-MAITHON Dam, Dist Dhanbad, Jharkhand-828207.
- 10) Addl. Chief Engineer (Operation), CESC Ltd., CESC House-Annxe Bldg., Chowringhee Square, Kolkata-1 (Fax:033-2212 9871)
- 11) Executive Director (Commercial), MPPMCL, Shakti Bhawan, Vidut Nagar, Rampur, Jabalpur-482008 (Fax No. 0761-2664749)
- 12) General Manager (Commercial), GUVNL, Vidut Bhavan, Race Course, Vadodara – 390007.
- 13) Chief Engineer (Commercial), MSEDCL, Prakashgarh, 4th Floor, Bandra (East), Mumbai- 400051.
- 14) Chief Engineer (Commercial), CSEB, Dandania, Post Sunder Nagar, Raipur-492013.
- 15) General Manager, Energy Accounts Dept., UPPCL, Shakti Bhawan Extn., 14 Ashok Marg, Lucknow-226001.
- 16) Chief Engineer (Commercial), Rajasthan Power Procurement Centre, Bidut Bhavan, Janpath, Jaipur.
- 17) Chief Engineer (Commercial), HPGCL, Shakti Bhawan, Sector-6, Pannchkula, Haryana-134109.
- 18) General Manager (SLDC), SLDC building, Minto Road, New Delhi-110002. (FAX-011-2322-1012)
- 19) Director (Interstate Billing), PSEB, 220 Kv Grid S/s, Albowal, Patiala-147001.
- 20) GM (Commercial-Tariff), ASEB, Bijulee Bhawan, Paltan Bazar, Guwahati- 781001.
- 21) Senior Vice President (DCS), PTC India Limited, 2nd Floor, NBCC Tower, 15, Bikaji Cama Place, New Delhi – 110065 ( FAX : 011 41659142 )
- 22) CEO, NVVN Ltd., SCOPE Complex, Core-3, 7<sup>th</sup> Floor, Lodi Road, New Delhi-110003. (Fax: 011-24362009)
- 23) CEO, Adani Enterprises Ltd., 'Adani House', (Power Division) 1st Floor, Plot No. 83 Institutional Area, Sector-32, Gurgaon-122001, NCR (India) ( Fax: 0124-2555342)
- 24) Reliance Energy Trading Company Ltd., 2/22A Shantiniketan, New Delhi-110021.
- 25) Tata Power Trading Company Ltd., Corporate Centre, Block-A, 34 Sant Tukaram Road, Mumbai-400009.
- 26) Member Secretary, WRPC, MIDC Area, Marol, Andheri (E), Mumbai-400093 (FAX :022 2837 0193 ).
- 27) Member Secretary, NRPC, Katwaria Sarai, 18A SJSS Marg, New Delhi-16 (FAX 01126865206 ).
- 28) Member Secretary, SRPC, 29, Race Course Road, Bangalore-560009 (FAX : 080 2259343 ).
- 29) GM (Regulation & Tariff Cell), OPTCL, Janpath, Bhubaneswar-751022.
- 30) Vice President (Power Trading), JSW Power Trading Company Ltd., U.G. Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066 (Fax: 011-4161 9674)
- 31) Chief Engineer (System Operation), Himachal Pradesh State Electricity Board, Vidut Bhawan, Kumar House Complex, Block – II, Shimla – 171 004.
- 32) Vice President, Operations (ER), Tata Power Co. Ltd., Jojobera Thermal Power Station, Jojobera Power Plant, Jamshedpur – 831 016 ( Fax : 0657 2277264)
- 33) Sr.VP (Power ), STERLITE Energy Limited (Vedanta), Bhurkahamunda, P.O. Sripura, Jharsuguda, Odisha-768202 ( FAX : 06645 -666706)
- 34) Associate Group Head-Comml, Maithon Power Limited, MA-5, Gogna Colony, P.O-Maithon Dam, Dist. : Dhanbad, Jharkhand-828207 Fax:+91-6540-276606/08860004758
- 35) Director (Finance), Gati Infrastructure Ltd., 268 Udog Vihar, Phase-IV, Gurgaon-122016.
- 36) GM-Power-Sales, GMR Kamalanga Energy Ltd., Plot No.29, Satya Nagar, Bhubaneswar-751007
- 37) Director, Adhunik Power & Natural Resources Ltd., Crecent Tower, 3<sup>rd</sup> Floor, 229, AJC Bose Road, Kolkata-700020( Fax: 033-2289-0285)
- 38) Head- Power Sales, Jindal India Thermal Power Ltd., Plot No.12, Sector B-1, Local Shopping Complex, Vasant Kunj, New Delhi-110070(Fax:-:011-26121734)

**EASTERN REGIONAL POWER COMMITTEE**  
**Provisional REA for the Month of September, 2016**  
**Details of Intra-regional, Inter-Regional & IEX Scheduled Bilateral Exchanges (MUs)**

SELLER	REGION	BUYER	REGION	TRADER	CONT	MU	MU(PEAK)	MU(OFF-PEAK)
APNRL	ER	JSEB	ER	JSEB	12218 F	79.123076	19.653523	59.469552
APNRL	ER	JSPHCL	ER	JSEB	12313/F	52.233445	13.144295	39.089150
APNRL	ER	JSEB	ER	JSEB	12297/D	1.394800	0.384196	1.010604
APNRL	ER	JSEB	ER	JSEB	12339/C	0.079415	0.043490	0.035925
APNRL	ER	JSEB	ER	JSEB	12340/C	0.097455	0.053363	0.044093
APNRL	ER	JSEB	ER	JSEB	12356	1.034640	0.258660	0.775980
APNRL	ER	JSEB	ER	JSEB	12357	1.269840	0.317460	0.952380
APNRL	ER	TNEB	SR	LTOA		58.092631	14.361858	43.730773
APNRL	ER	WBSEDCL	ER	LTOA		60.138307	14.965247	45.173060
DAGACHHU	ER	AIA Engineering Ltd.	WR	TPTCL	29543 F	5.760000	1.440000	4.320000
DAGACHHU	ER	HFUIG	WR	TPTCL	30602/F	0.105600	0.026400	0.079200
DAGACHHU	ER	HGIFUIG	WR	TPTCL	30602/F	0.079200	0.019800	0.059400
DAGACHHU	ER	HPPC	NR	Manikaran Power Limited	35557 A	60.172420	14.292939	45.879481
DAGACHHU	ER	IPCL(WBSEDCL)	ER	TPTCL	12351	0.301680	0.075420	0.226260
DAGACHHU	ER	IPCL(WBSEDCL)	ER	TPTCL	12369	0.296400	0.074100	0.222300
DAGACHHU	ER	IPCL(WBSEDCL)	ER	TPTCL	12439/D	0.293520	0.073380	0.220140
DAGACHHU	ER	IPCL(WBSEDCL)	ER	TPTCL	12448/D	0.293520	0.073380	0.220140
DAGACHHU	ER	Pallazio Hotel & Leisure Ltd.	WR	TPTCL	29542 F	0.792000	0.198000	0.594000
DAGACHHU	ER	WBSEDCL	ER	TPTCL	12532/C	0.136235	0.136235	0.000000
DVC(CTPS 7&8)	ER	MPPTCL	WR	LTOA		56.539469	17.618142	38.921327
DVC	ER	Torrent Power Ltd.	WR	TPTCL	28314 A	36.360000	12.120000	24.240000
DVC (DSTPS -I&II)	ER	MPPTCL	WR	LTOA		1.023065	0.811580	0.211484
DVC (DSTPS -I&II)	ER	PSCL	NR	LTOA		123.339491	32.377126	90.962365
DVC (DSTPS -I&II)	ER	TSL	ER	LTOA		59.354856	14.932602	44.422254
DVC	ER	BYPL	NR	IEX	36193/S	0.074780	0.000000	0.074780
DVC(KODARMA)	ER	BESCOM	SR	LTOA		149.915114	37.012197	112.902917
DVC(KODARMA)	ER	HVPL	NR	LTOA		23.833824	7.299442	16.534382
DVC(Mejia#5)	ER	WBSEDCL	ER	LTOA		26.818322	7.781783	19.036539
DVC(MTPS 5&6)	ER	MPPTCL	WR	LTOA		0.298218	0.298218	0.000000
DVC(MTPS 7)	ER	BYPL	NR	LTOA		58.602362	16.363324	42.239038
DVC(MTPS 7 & 8)	ER	HPPC	NR	LTOA		14.604812	5.322740	9.282073
DVC(MTPS 7 & 8)	ER	TSL	ER	LTOA		29.499875	7.502932	21.996943
DVC(MTPS 7 & 8)	ER	BESCOM	SR	LTOA		108.809498	27.973276	80.836222
DVC(MTPS 7 & 8)	ER	KSEB	SR	LTOA		31.237045	7.918907	23.318138
DVC	ER	BSPHCL	ER	IEXL	12281/C	0.075000	0.075000	0.000000
DVC	ER	WBSEDCL(CESC)	ER	IEXL	12294/C	0.140000	0.140000	0.000000
DVC	ER	WBSEDCL	ER	IEXL	12280/C	0.100000	0.100000	0.000000
DVC(RTPS)	ER	HPVNL	NR	LTOA		19.490683	4.611310	14.879373
DVC(RTPS)	ER	KSEB	SR	LTOA		26.707329	6.079266	20.628062
DVC(RTPS)	ER	PUNJB	NR	LTOA		58.121640	13.588163	44.533477
TISCO(DVC)	ER	TSL BOISAR	WR	TSL	29782/C	0.216000	0.054000	0.162000
TISCO(DVC)	ER	TSL BOISAR	WR	TSL	29964	0.216000	0.054000	0.162000
TISCO(DVC)	ER	TSL BOISAR	WR	TSL	30050	0.216000	0.054000	0.162000
TISCO(DVC)	ER	TSL Boiser	WR	TSL	29829/F	5.688000	1.422000	4.266000
TISCO(DVC)	ER	TSL FAP(GRIDCO)	ER	TSL FAP	12247 F	11.560000	3.060000	8.500000
TISCO(DVC)	ER	TSL Kalinga Nagar(GRIDCO)	ER	TSL Kalinga Nagar	12246 F	13.200000	3.300000	9.900000
DVC	ER	DTL	NR	LTOA		218.260115	57.165893	161.094222
JITPL(ER)	ER	UPCL	NR	PXIL	36498-S	0.300000	0.000000	0.300000
JITPL(ER)	ER	UPPCL	NR	TPTCL	36039/F	1.356660	0.000000	1.356660
JITPL(ER)	ER	UPPCL	NR	TPTCL	36040/F	1.356660	0.000000	1.356660
ER	ER	SR	SR	ER LTA TO SR WHL THR WR		118.658633	19.864643	98.793990
FSTPP-III	ER	NVVN NEPAL		NVVN	12269 C	0.025350	0.000000	0.025350
FSTPP-III	ER	NVVN NEPAL		NVVN	12270 C	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12290	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12298/D	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12307/C	1.045600	0.285100	0.760500
FSTPP-III	ER	NVVN NEPAL		NVVN	12318/D	1.215698	0.303098	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12322/D	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12331/D	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12337/D	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12350/D	1.216800	0.304200	0.912600
FSTPP-III	ER	NVVN NEPAL		NVVN	12361	1.218000	0.304500	0.913500
FSTPP-III	ER	NVVN NEPAL		NVVN	12366	1.218000	0.304500	0.913500
FSTPP-III	ER	NVVN NEPAL		NVVN	12373/d	1.218000	0.304500	0.913500
FSTPP-III	ER	NVVN NEPAL		NVVN	12381/c	1.218000	0.304500	0.913500
FSTPP-III	ER	NVVN NEPAL		NVVN	12395/C	1.219920	0.304980	0.914940
FSTPP-III	ER	NVVN NEPAL		NVVN	12403/D	1.219920	0.304980	0.914940
FSTPP-III	ER	NVVN NEPAL		NVVN	12408/D	1.219920	0.304980	0.914940
FSTPP-III	ER	NVVN NEPAL		NVVN	12417	1.219920	0.304980	0.914940
FSTPP-III	ER	NVVN NEPAL		NVVN	12431	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12438/D	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12449/D	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12457/D	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12464/D	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12473/D	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12480/D	1.221120	0.305280	0.915840
FSTPP-III	ER	NVVN NEPAL		NVVN	12488	1.219680	0.304920	0.914760
FSTPP-III	ER	NVVN NEPAL		NVVN	12498	1.219680	0.304920	0.914760
FSTPP-III	ER	NVVN NEPAL		NVVN	12506/D	1.219680	0.304920	0.914760
FSTPP-III	ER	NVVN NEPAL		NVVN	12512/C	1.219680	0.304920	0.914760
FSTPP-III	ER	NVVN NEPAL		NVVN	12535/D	1.219680	0.304920	0.914760
GMRKEL	ER	BSPHCL	ER	GMRKEL	12264/C	1.849000	0.445000	1.404000

GMRKEL	ER	BSPHCL	ER	GMRKEL	12271C	1.849000	0.445000	1.404000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12292	1.994000	0.499000	1.495000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12300/D	2.016000	0.504000	1.512000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12304/D	3.284000	0.852000	2.432000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12321/c	3.260000	0.796000	2.464000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12328/C	6.124000	1.536000	4.588000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12333/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12341/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12353	6.168000	1.542000	4.626000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12364	6.168000	1.542000	4.626000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12367	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12379/D	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12380/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12397/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12405/D	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12411/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12419	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12430	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12442/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12454/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12462/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12466/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12477/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12483/D	0.132000	0.110000	0.022000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12492	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12499	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12504/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12511/C	6.144000	1.536000	4.608000
GMRKEL	ER	BSPHCL	ER	GMRKEL	12536/C	6.144000	1.536000	4.608000
GMR	ER	BSPHCL	ER	GMR ETL	12426/C	0.138000	0.115000	0.023000
GMR	ER	BSPHCL	ER	GMRETL	12437/C	0.234000	0.189000	0.045000
GMR	ER	BSPHCL	ER	GMRETL	12446/C	0.109000	0.072000	0.037000
GMR	ER	BSPHCL	ER	GMRETL	12529/C	0.223000	0.215000	0.008000
GMR	ER	BSPHCL	ER	GMRETL	12540/C	0.088000	0.066000	0.022000
GMR	ER	HPPC	NR	GMRETL	36409/D	0.760098	0.178990	0.581108
GMR	ER	HPPC	NR	GMRETL	36433	0.519773	0.123673	0.396100
GMR	ER	HPPC	NR	GMRETL	36461	0.123873	0.043520	0.080353
GMR	ER	HPPC	NR	GMRETL	36488/D	0.276186	0.144080	0.132106
GMR	ER	HPPC	NR	GMRETL	36514/D	0.224950	0.097088	0.127863
GMR	ER	HPPC	NR	GMRETL	36560-S	1.020633	0.300000	0.720633
GMR	ER	HPPC	NR	GMRETL	36542/D	0.179360	0.000000	0.179360
GMR	ER	HPPC	NR	GMRETL	36589-S	0.309450	0.000000	0.309450
GMR	ER	HPPC	NR	GMRETL	36579/D	0.043803	0.005608	0.038195
GMR	ER	HPPC	NR	GMRETL	36615-D	0.972488	0.213375	0.759113
GMR	ER	HPPC	NR	GMRETL	36627/S	0.074160	0.000000	0.074160
GMR	ER	HPPC	NR	GMRETL	36646/D	0.207660	0.000000	0.207660
GMR	ER	HPPC	NR	GMRETL	36688	0.052155	0.000000	0.052155
GMR	ER	HPPC	NR	GMRETL	36719/S	0.123253	0.105253	0.018000
GMR	ER	HPPC	NR	GMRETL	36669	0.337490	0.118405	0.219085
GMR	ER	HPPC	NR	GMRETL	36711	0.731215	0.155548	0.575668
GMR	ER	HPPC	NR	GMRETL	36729	0.411670	0.128405	0.283265
GMR	ER	HPPC	NR	GMRETL	36756-S	0.050000	0.000000	0.050000
GMR	ER	HPPC	NR	GMRETL	36792/s	0.051378	0.051378	0.000000
GMR	ER	HPPC	NR	GMRETL	36782/D	0.197768	0.047215	0.150553
GMR	ER	MBPPL	WR	GMRETL	29491/A	2.389800	0.919200	1.470600
GMR	ER	Mindspace Business Park	WR	GMRETL	29491 A	0.119490	0.045960	0.073530
GMR	ER	SLK	WR	GMRETL	29781/C	0.046380	0.010660	0.035720
GMR	ER	SLK	WR	GMRETL	29960	0.046380	0.010660	0.035720
GMR	ER	SLK	WR	GMRETL	30064	0.033080	0.008000	0.025080
GMR	ER	BSPHCL	ER	GMRETL	12434	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12440/D	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12453/C	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12460/C	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12471	0.209000	0.209000	0.000000
GMR	ER	BSPHCL	ER	GMRETL	12467/C	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12476/C	0.124000	0.102000	0.022000
GMR	ER	BSPHCL	ER	GMRETL	12482/D	6.144000	1.536000	4.608000
GMR	ER	BSPHCL	ER	GMRETL	12490	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12495	0.087000	0.066000	0.021000
GMR	ER	BSPHCL	ER	GMRETL	12503/C	0.087000	0.066000	0.021000
GMR	ER	ESSAR STEEL	WR	PXIL	30471/C	0.728000	0.104000	0.624000
GMR	ER	HARYANA	NR	LTOA		206.732261	52.534268	154.197993
GMR	ER	HPPC	NR	GETL	36350/S	0.123415	0.000000	0.123415
GMR	ER	HPPC	NR	GMRETL	36534	0.418000	0.133000	0.285000
GMR	ER	HPPC	NR	GETL	36819/S	0.252548	0.117530	0.135018
GMR	ER	SLK	WR	GMRETL	30168/F	0.948420	0.224420	0.724000
GMR	ER	WBSIEDCL	ER	PXIL	12402	0.372000	0.310000	0.062000
GRIDCO	ER	DPL	ER	IEXL	12531/C	0.680000	0.580000	0.100000
GRIDCO	ER	PSEB	NR	APPCL	36242	1.288418	0.547973	0.740445
GRIDCO	ER	PSEB	NR	APPCL	36258	1.373955	0.573955	0.800000
GRIDCO	ER	PSEB	NR	APPCL	36283	1.534881	0.453589	1.081292
GRIDCO	ER	PSEB	NR	APPCL	36670	0.216068	0.142525	0.073543
GRIDCO	ER	PSEB	NR	APPCL	36705	0.642135	0.311080	0.331055
GRIDCO	ER	PSEB	NR	APPCL	36014/F	10.935441	0.825886	10.109555
GRIDCO	ER	PSEB	NR	APPCL	36015/F	46.517844	3.512359	43.005484
GRIDCO	ER	PSEB	NR	APPCL	36028/D	0.509520	0.127380	0.382140
GRIDCO	ER	PSEB	NR	APPCL	36029/D	2.167200	0.541800	1.625400

GRIDCO	ER	PSEB	NR	APPCPL	36100/D	1.253418	0.546070	0.707348
GRIDCO	ER	PSEB	NR	APPCPL	36132/D	1.380548	0.600000	0.780548
GRIDCO	ER	PSEB	NR	APPCPL	36151/D	1.255690	0.534633	0.721058
GRIDCO	ER	PSEB	NR	APPCPL	36181/D	1.215990	0.498728	0.717263
GRIDCO	ER	PSEB	NR	APPCPL	36209/D	1.130275	0.525548	0.604728
GRIDCO	ER	PSEB	NR	APPCPL	36300-D	0.471605	0.214268	0.257338
GRIDCO	ER	PSEB	NR	APPCPL	36328 D	0.902913	0.266863	0.636050
GRIDCO	ER	PSEB	NR	APPCPL	36348 D	0.543050	0.203878	0.339173
GRIDCO	ER	PSEB	NR	APPCPL	36609/D	1.126913	0.426751	0.700162
GRIDCO	ER	PSEB	NR	APPCPL	36783/D	0.152110	0.094403	0.057708
GRIDCO	ER	PSEB	NR	APPCPL	36817/D	0.339428	0.283353	0.056075
GRIDCO	ER	TPDDL	NR	PTC	36012/F	109.611961	8.275449	101.336512
ASL(CGP)	ER	AIL-PUNJAB	NR	AIL	36030/D	0.254400	0.063600	0.190800
ASL(CGP)	ER	ASL-PUNJAB	NR	ASL-PUNJAB	36031/C	0.084000	0.021000	0.063000
ASL(CGP)	ER	AIL-PUNJAB	NR	AIL	36049	0.254400	0.063600	0.190800
ASL(CGP)	ER	ASL-PUNJAB	NR	ASL-PUNJAB	36050	0.063000	0.021000	0.042000
ASL(CGP)	ER	AIL-PUNJAB	NR	AIL	36065	0.254400	0.063600	0.190800
ASL(CGP)	ER	ASL-PUNJAB	NR	ASL-PUNJAB	36066	0.073500	0.010500	0.063000
ASL(CGP)	ER	AIL-PUNJAB		AIL	36080	0.254400	0.063600	0.190800
ASL(CGP)	ER	ASL-PUNJAB		ASL-PUNJAB	36081	0.083100	0.020100	0.063000
ASL(CGP)	ER	AIL-PUNJAB		AIL	36353 S	0.000055	0.000023	0.000033
ASL(CGP)	ER	AIL-PUNJAB		AIL	36371/D	0.070758	0.020735	0.050023
ASL(CGP)	ER	ASL-PUNJAB		ASL-PUNJAB	36370/D	0.055625	0.015593	0.040033
ASL(CGP)	ER	AIL-PUNJAB		AIL	36402/D	0.103448	0.025060	0.078388
ASL(CGP)	ER	ASL-PUNJAB	NR	ASL-PUNJAB	36403/D	0.057848	0.013833	0.044015
GRIDCO	ER	HIRAKUD	WR	LTOA		1.295807	0.323952	0.971855
GRIDCO	ER	TPDDL	NR	PTC	36012/F	109.611961	8.275449	101.336512
GRIDCO	ER	TPDDL	NR	PTC	36025/D	5.112000	1.278000	3.834000
GRIDCO	ER	TPDDL	NR	PTC	36046	0.944300	0.944300	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36064	0.944300	0.944300	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36079	0.944300	0.944300	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36103/D	0.900595	0.900595	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36125/D	0.944300	0.944300	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36152/D	0.893380	0.893380	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36178/D	0.827938	0.827938	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36208/D	0.901785	0.901785	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36233	0.822035	0.822035	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36262	0.895113	0.895113	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36296-D	0.356270	0.356270	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36321-D	0.362698	0.362698	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36342-D	0.347735	0.347735	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36368/D	0.704498	0.704498	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36406/D	0.567560	0.567560	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36430	0.395705	0.395705	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36456	0.162788	0.162788	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36484/D	0.518045	0.518045	0.000000
GRIDCO	ER	TPDDL	NR	PTC	36510/D	0.346130	0.339820	0.006310
GRIDCO	ER	TPDDL	NR	PTC	36611/D	1.015548	0.590634	0.424914
GRIDCO	ER	TPDDL	NR	PTC	36666	0.434870	0.349933	0.084938
GRIDCO	ER	TPDDL	NR	PTC	36709	0.647750	0.438660	0.209090
JITPL	ER	CSPDCL	WR	TPTCL	29490/A	24.640000	4.000000	20.640000
JITPL	ER	CSPDCL	WR	TPTCL	30391/F	8.750000	0.000000	8.750000
JITPL	ER	CSPDCL	WR	TPTL	29490/D	1.960000	0.400000	1.560000
JITPL	ER	CSPDCL	WR	TPTL	30297/D	1.750000	0.000000	1.750000
JITPL	ER	CSPDCL	WR	TPTL	30347/D	1.750000	0.000000	1.750000
JITPL	ER	CSPDCL	WR	TPTL	30356/D	1.750000	0.000000	1.750000
JITPL	ER	CSPDCL	WR	TPTL	30380/D	1.750000	0.000000	1.750000
JITPL	ER	CSPDCL	WR	TPTL	30404/D	1.750000	0.000000	1.750000
JITPL	ER	CSPDCL	WR	TPTL	30427	1.750000	0.000000	1.750000
JITPL	ER	CSPDCL	WR	TPTL	30754/D	2.600000	0.200000	2.400000
JITPL	ER	ESIL	WR	PXIL	30455	0.090000	0.000000	0.090000
JITPL	ER	GCOOL(GRIDCO)	ER	JITPL	12303/D	2.280000	0.570000	1.710000
JITPL	ER	CSPDCL	WR	TPTL	30511/D	6.070000	0.490000	5.580000
JITPL	ER	CSPDCL	WR	TPTL	30534/D	6.090000	0.490000	5.600000
JITPL	ER	CSPDCL	WR	TPTL	30562	6.090000	0.490000	5.600000
JITPL	ER	CSPDCL	WR	TPTL	30574	6.090000	0.490000	5.600000
JITPL	ER	CSPDCL	WR	TPTL	30587/D	6.320000	0.490000	5.830000
JITPL	ER	CSPDCL	WR	TPTL	30596/D	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30611/D	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30630/D	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30641/D	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30652/D	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30691	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30708	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30716/D	6.420000	0.490000	5.930000
JITPL	ER	CSPDCL	WR	TPTL	30737/D	6.420000	0.490000	5.930000
JITPL	ER	GN LTD	WR	GMR ETL	30329/F	0.473760	0.118440	0.355320
JITPL	ER	GNL	WR	GNWL	30696/F	0.202855	0.045810	0.157045
JITPL	ER	GNL	WR	GNL	30312/D	0.061363	0.019740	0.041623
JITPL	ER	GNL	WR	GNL	30457/D	0.078960	0.019740	0.059220
JITPL	ER	GNL	WR	GNL	30479/C	0.078960	0.019740	0.059220
JITPL	ER	GNL	WR	GNL	30494/D	0.091850	0.023520	0.068330
JITPL	ER	GNL	WR	GNL	30499/D	0.082050	0.019740	0.062310
JITPL	ER	GNL	WR	GNL	30513/D	0.066560	0.015240	0.051320
JITPL	ER	GNL	WR	GNL	30533/D	0.060960	0.015240	0.045720
JITPL	ER	GNL	WR	GNL	30564	0.069620	0.019680	0.049940
JITPL	ER	GNL	WR	GNL	30572	0.075010	0.016500	0.058510

JITPL	ER	GNL	WR	GNL	30588/D	0.078720	0.019680	0.059040
JITPL	ER	GNL	WR	GNL	30598/D	0.078720	0.019680	0.059040
JITPL	ER	GNL	WR	GNL	30612/D	0.078720	0.019680	0.059040
JITPL	ER	GNL	WR	GNL	30629/D	0.060850	0.015240	0.045610
JITPL	ER	GNL	WR	GNL	30642/D	0.060960	0.015240	0.045720
JITPL	ER	GNL	WR	GNL	30653/D	0.070755	0.019680	0.051075
JITPL	ER	GNL	WR	GNL	30689	0.078720	0.019680	0.059040
JITPL	ER	GNL	WR	GNL	30755/D	0.061770	0.013580	0.048190
JITPL	ER	GRIDCO	ER	JITPL	12261/D	2.280000	0.570000	1.710000
JITPL	ER	GRIDCO	ER	JITPL	12268/D	2.280000	0.570000	1.710000
JITPL	ER	GRIDCO	ER	JITPL	12296	2.280000	0.570000	1.710000
JITPL	ER	GRIDCO	ER	JITPL	12314/C	2.280000	0.570000	1.710000
JITPL	ER	GRIDCO	ER	JITPL	12323/C	2.280000	0.570000	1.710000
JITPL	ER	GRIDCO	ER	JITPL	12332/D	2.280000	0.570000	1.710000
JITPL	ER	GRIDCO	ER	JITPL	12338/C	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12352	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12362	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12368	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12374/D	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12382/D	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12396/D	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12409/D	0.390000	0.060000	0.330000
JITPL	ER	GRIDCO	ER	JITPL	12420	0.390000	0.060000	0.330000
JITPL	ER	GRIDCO	ER	JITPL	12429	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12441/C	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12450/D	1.150000	0.300000	0.850000
JITPL	ER	GRIDCO	ER	JITPL	12461/C	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12468/C	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12474/D	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12481/D	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12493	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12497	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12502/C	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12510/C	1.610000	0.420000	1.190000
JITPL	ER	GRIDCO	ER	JITPL	12537/D	1.610000	0.420000	1.190000
JITPL	ER	JPL NASIK	WR	JPFL	29776/C	0.714720	0.178680	0.536040
JITPL	ER	JPL NASIK	WR	JPFL	30021	0.714720	0.178680	0.536040
JITPL	ER	JPL NASIK	WR	JPFL	30151	0.791280	0.197820	0.593460
JITPL	ER	JPL NASIK	WR	JPFL	30242	0.765600	0.191400	0.574200
JITPL	ER	JPL NASIK	WR	JPFL	30313/D	0.789600	0.197400	0.592200
JITPL	ER	JPL NASIK	WR	JPFL	30349/D	0.789600	0.197400	0.592200
JITPL	ER	JPL NASIK	WR	JPFL	30359/D	0.789600	0.197400	0.592200
JITPL	ER	JPL NASIK	WR	JPFL	30388/C	0.776880	0.194220	0.582660
JITPL	ER	JPL NASIK	WR	JPFL	30412/C	0.765750	0.190510	0.575240
JITPL	ER	JPL NASIK	WR	JPFL	30425	0.765750	0.190510	0.575240
JITPL	ER	JPL NASIK	WR	JPFL	30449	0.820600	0.203400	0.617200
JITPL	ER	JPL NASIK	WR	JPFL	30458-D	0.820600	0.203400	0.617200
JITPL	ER	JPL NASIK	WR	JPFL	30476-D	0.825400	0.206880	0.618520
JITPL	ER	JPL NASIK	WR	JPFL	30493-D	0.776400	0.194100	0.582300
JITPL	ER	JPL NASIK	WR	JPFL	30505-C	0.787770	0.196810	0.590960
JITPL	ER	JPL NASIK	WR	JPFL	30512-D	0.787770	0.196810	0.590960
JITPL	ER	JPL NASIK	WR	JPFL	30535/D	0.787770	0.196810	0.590960
JITPL	ER	JPL NASIK	WR	JPFL	30561	0.778760	0.193630	0.585130
JITPL	ER	JPL NASIK	WR	JPFL	30570	0.774090	0.193390	0.580700
JITPL	ER	JPL NASIK	WR	JPFL	30589/D	0.747060	0.185440	0.561620
JITPL	ER	JPL NASIK	WR	JPFL	30599/D	0.772500	0.191800	0.580700
JITPL	ER	JPL NASIK	WR	JPFL	30613/D	0.772500	0.191800	0.580700
JITPL	ER	JPL NASIK	WR	JPFL	30631/C	0.752360	0.183850	0.568510
JITPL	ER	JPL NASIK	WR	JPFL	30643/D	0.752360	0.183850	0.568510
JITPL	ER	JPL NASIK	WR	JPFL	30651/D	0.758190	0.185970	0.572220
JITPL	ER	JPL NASIK	WR	JPFL	30690	0.759820	0.186360	0.573460
JITPL	ER	JPL NASIK	WR	JPFL	30711	0.721470	0.176790	0.544680
JITPL	ER	JPL NASIK	WR	JPFL	30714/D	0.708750	0.173080	0.535670
JITPL	ER	JPL NASIK	WR	JPFL	30739/D	0.759820	0.186360	0.573460
JITPL	ER	JPL NASIK	WR	JPFL	30756/D	0.692320	0.170430	0.521890
JITPL	ER	UPPCL	NR	TPTCL	36137/F	2.773105	0.000000	2.773105
JITPL	ER	UPPCL	NR	TPTCL	36138/F	2.773105	0.000000	2.773105
JITPL	ER	UPPCL	NR	TPTCL	36053	1.200000	0.000000	1.200000
JITPL	ER	UPPCL	NR	TPTCL	36054	1.200000	0.000000	1.200000
JITPL	ER	UPPCL	NR	TPTCL	36069	0.747780	0.000000	0.747780
JITPL	ER	UPPCL	NR	TPTCL	36070	0.747780	0.000000	0.747780
JITPL	ER	UPPCL	NR	TPTCL	36083	0.747780	0.000000	0.747780
JITPL	ER	UPPCL	NR	TPTCL	36084	0.747780	0.000000	0.747780
JITPL	ER	UPPCL	NR	TPTCL	36239	0.261150	0.000000	0.261150
JITPL	ER	UPPCL	NR	TPTCL	36240	0.261150	0.000000	0.261150
JITPL	ER	UPPCL	NR	TPTCL	36266	0.523150	0.000000	0.523150
JITPL	ER	UPPCL	NR	TPTCL	36267	0.523150	0.000000	0.523150
JITPL	ER	UPPCL	NR	TPTCL	36435	0.097193	0.000000	0.097193
JITPL	ER	UPPCL	NR	TPTCL	36436	0.097193	0.000000	0.097193
JITPL	ER	UPPCL	NR	TPTCL	36460	0.025128	0.000000	0.025128
JITPL	ER	UPPCL	NR	TPTCL	36462	0.025128	0.000000	0.025128
JITPL	ER	UPPCL	NR	TPTCL	36673	0.068790	0.000000	0.068790
JITPL	ER	UPPCL	NR	TPTCL	36674	0.068790	0.000000	0.068790
JITPL	ER	UPPCL	NR	TPTCL	36032/D	1.200000	0.000000	1.200000
JITPL	ER	UPPCL	NR	TPTCL	36033/D	1.200000	0.000000	1.200000
JITPL	ER	UPPCL	NR	TPTCL	36108/D	0.747780	0.000000	0.747780
JITPL	ER	UPPCL	NR	TPTCL	36109/D	0.747780	0.000000	0.747780

JITPL	ER	UPPCL	NR	TPTCL	36039/F	11.846508	0.000000	11.846508
JITPL	ER	UPPCL	NR	TPTCL	36040/F	11.846508	0.000000	11.846508
JITPL	ER	UPPCL	NR	TPTCL	36128/D	0.746470	0.000000	0.746470
JITPL	ER	UPPCL	NR	TPTCL	36129/D	0.746470	0.000000	0.746470
JITPL	ER	UPPCL	NR	TPTCL	36157/D	0.405743	0.000000	0.405743
JITPL	ER	UPPCL	NR	TPTCL	36158/D	0.405743	0.000000	0.405743
JITPL	ER	UPPCL	NR	TPTCL	36184/D	0.627780	0.000000	0.627780
JITPL	ER	UPPCL	NR	TPTCL	36185/D	0.627780	0.000000	0.627780
JITPL	ER	UPPCL	NR	TPTCL	36212/D	0.350030	0.000000	0.350030
JITPL	ER	UPPCL	NR	TPTCL	36215/D	0.350030	0.000000	0.350030
JITPL	ER	UPPCL	NR	TPTCL	36281-D	0.406888	0.000000	0.406888
JITPL	ER	UPPCL	NR	TPTCL	36282-D	0.406888	0.000000	0.406888
JITPL	ER	UPPCL	NR	TPTCL	36301-D	0.156255	0.000000	0.156255
JITPL	ER	UPPCL	NR	TPTCL	36302-D	0.156255	0.000000	0.156255
JITPL	ER	UPPCL	NR	TPTCL	36325-D	0.094333	0.000000	0.094333
JITPL	ER	UPPCL	NR	TPTCL	36326-D	0.094333	0.000000	0.094333
JITPL	ER	UPPCL	NR	TPTCL	36410-D	0.116638	0.000000	0.116638
JITPL	ER	UPPCL	NR	TPTCL	36411-D	0.116638	0.000000	0.116638
JITPL	ER	UPPCL	NR	TPTCL	36491/D	0.105795	0.000000	0.105795
JITPL	ER	UPPCL	NR	TPTCL	36492/D	0.105795	0.000000	0.105795
JITPL	ER	UPPCL	NR	TPTCL	36516/D	0.025420	0.000000	0.025420
JITPL	ER	UPPCL	NR	TPTCL	36517/D	0.025420	0.000000	0.025420
JITPL	ER	UPPCL	NR	TPTCL	36539/D	0.273480	0.000000	0.273480
JITPL	ER	UPPCL	NR	TPTCL	36541/D	0.273480	0.000000	0.273480
JITPL	ER	UPPCL	NR	TPTCL	36580/D	0.054105	0.000000	0.054105
JITPL	ER	UPPCL	NR	TPTCL	36581/D	0.054105	0.000000	0.054105
JITPL	ER	UPPCL	NR	TPTCL	36613/D	0.450005	0.000000	0.450005
JITPL	ER	UPPCL	NR	TPTCL	36614/D	0.450005	0.000000	0.450005
JITPL	ER	UPPCL	NR	TPTCL	36647/D	0.413790	0.000000	0.413790
JITPL	ER	UPPCL	NR	TPTCL	36648/D	0.413790	0.000000	0.413790
JITPL	ER	UPPCL	NR	TPTCL	36780/D	0.004738	0.000000	0.004738
JITPL	ER	UPPCL	NR	TPTCL	36781/D	0.004738	0.000000	0.004738
JITPL	ER	UPPCL	NR	TPTCL	36814/D	0.006450	0.000000	0.006450
JITPL	ER	UPPCL	NR	TPTCL	36815/D	0.006450	0.000000	0.006450
JITPL	ER	NIL	ER	JITPL	12289	2.280000	0.570000	1.710000
JITPL	ER	DVC	ER	IEX	12421	0.135000	0.000000	0.135000
JITPL	ER	WBSEB	ER	PXIL	12275	0.275000	0.000000	0.275000
JITPL	ER	WCR	WR	JITPL	29578/F	11.566800	2.891700	8.675100
JITPL	ER	WCR	WR	JITPL	29638/D	0.428400	0.107100	0.321300
JITPL	ER	WCR	WR	JITPL	29846	0.428400	0.107100	0.321300
JITPL	ER	WCR	WR	JITPL	30086	0.428400	0.107100	0.321300
MPL	ER	DVC	ER	LTOA		43.472346	12.883563	30.588783
MPL	ER	TPDDL	NR	LTOA		104.356307	26.984859	77.371448
MPL	ER	KSEB	SR		L_15_06	55.096678	13.998027	41.098651
MPL	ER	KSEB	SR		M_15_06	47.931665	12.172924	35.758741
MPL	ER	WBSEDCL	ER			108.846472	27.928643	80.917829
SEL_JHARSUGUDA	ER	BSPHCL	ER	GMRETL	12215 F	4.018500	1.410000	2.608500
SEL_JHARSUGUDA	ER	CSPDCL	WR	PTC India Ltd	29508 F	0.812500	0.320000	0.492500
SEL_JHARSUGUDA	ER	RIL	WR	PTC	30296/D	0.026000	0.000000	0.026000
SEL_JHARSUGUDA	ER	WBSEDCL	ER	NVVN	12214 A	0.800000	0.800000	0.000000
SEL_JHARSUGUDA	ER	NVVN NEPAL		NVVN	12219 F	1.332188	0.304500	1.027688
WBSEB	ER	SIKKIM		LTOA		7.756442	1.939111	5.817332
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTCL	29492 A	3.750000	0.000000	3.750000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30426	0.050000	0.000000	0.050000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30563	0.432000	0.054000	0.378000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30314/D	0.050000	0.000000	0.050000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30348/D	0.050000	0.000000	0.050000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30357/D	0.050000	0.000000	0.050000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30379/D	0.050000	0.000000	0.050000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTCL	30393/F	0.250000	0.000000	0.250000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30407/D	0.050000	0.000000	0.050000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30519/D	0.368000	0.046000	0.322000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTI	30532/F	5.184000	0.648000	4.536000
TPC Haldia(WBSEDCL)	ER	CSPDCL	WR	TPTL	30537/D	0.368000	0.046000	0.322000
CESEC(WBSEDCL)	ER	HPSEB	NR	MPPL	36675	0.171653	0.000000	0.171653
CESEC(WBSEDCL)	ER	HPSEB	NR	MPPL	36687	0.101833	0.000000	0.101833
CESEC(WBSEDCL)	ER	HPSEB	NR	MPPL	36710	0.184513	0.000000	0.184513
CESEC(WBSEDCL)	ER	MePDCL	NER	MPPL	2359	0.237500	0.000000	0.237500
CESEC(WBSEDCL)	ER	MePDCL	NER	MPPL	2361	0.133750	0.000000	0.133750
CESEC(WBSEDCL)	ER	MePDCL	NER	MPPL	2362/D	0.164000	0.000000	0.164000
CESEC(WBSEDCL)	ER	MePDCL	NER	MPPL	2364/D	0.162500	0.000000	0.162500
CESEC(WBSEDCL)	ER	MePDCL	NER	MPPL	2382/D	0.277500	0.000000	0.277500
WBSEDCL	ER	NVVN-BPDB		PTC India Limited	11883 A	176.358000	44.460000	131.898000
WBSEDCL	ER	TATA STEEL (DVC)	ER	IEXL	12428/C	0.043750	0.025000	0.018750
MESEB	NER	WBSEB	ER	MPPL	12276/C	0.082500	0.000000	0.082500
MeSEB	NER	WBSEB	ER	MPPL	12285	0.210000	0.030000	0.180000
Rajsthan(Solar)	NR	DVC	ER	LTOA(Solar)		2.846590	0.132208	2.714383
Unchar(Solar)	NR	DVC	ER	LTOA(Solar)		1.270095	0.032613	1.237483
Faridabad(Solar)	NR	GRIDCO	ER	LTOA(Solar)		0.639403	0.009413	0.629990
Rajsthan	NR	GRIDCO	ER	SECI	LTOA(Solar)	1.838783	0.090245	1.748538
Rajsthan(Solar)	NR	GRIDCO	ER	LTOA(Solar)		2.123465	0.093500	2.029965
Rajsthan	NR	JSEB	ER	SECI		1.514700	0.035775	1.478925
TALCHER SOLAR		DVC	ER	LTOA		0.919334	0.004480	0.914855
HPSEB	NR	CESEC(WBSEDCL)	ER	MPPL	12274	1.908750	0.868750	1.040000
HPSEB	NR	CESEC(WBSEDCL)	ER	MPPL	12287	2.316250	0.960000	1.356250
HPSEB	NR	CESEC(WBSEDCL)	ER	MPPL	12372	1.937500	0.550000	1.387500
HPSEB	NR	CESEC(WBSEDCL)	ER	MPPL	12424	0.680000	0.680000	0.000000

HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12266/D	2.267500	0.930000	1.337500
HP SEB	NR	CESC(WBSEDCL)	ER	MPPL	12277/C	0.320000	0.140000	0.180000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12295/C	0.962500	0.750000	0.212500
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12306/D	1.413750	0.300000	1.113750
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12320/C	1.760000	0.450000	1.310000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12324/D	2.062500	0.500000	1.562500
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12336/D	2.125000	0.620000	1.505000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12343/C	0.480000	0.000000	0.480000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12363/D	0.887750	0.788500	0.099250
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12375/D	0.767500	0.200000	0.567500
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12383/D	0.950000	0.270000	0.680000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12445/D	0.100000	0.100000	0.000000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12455/C	0.150000	0.150000	0.000000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12463/C	0.275000	0.275000	0.000000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12465/D	0.775000	0.500000	0.275000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12475/D	1.136250	1.036250	0.100000
HPSEB	NR	CESC(WBSEDCL)	ER	MPPL	12487/C	0.775000	0.775000	0.000000
Karcham Wangtoo HEP	NR	WBSEDCL	ER	JSW PTC	12212 A	13.500000	0.000000	13.500000
KWHEP	NR	WBSEDCL	ER	IEX	12544/C	0.060000	0.060000	0.000000
KWHEP	NR	WBSEDCL	ER	PXIL	12547/C	0.100000	0.100000	0.000000
Rajsthan(Solar)	NR	WBSEB	ER	LTOA		6.204630	0.295985	5.908645
SPDC J & K	NR	WBSEDCL	ER	MTOA/12/001		47.561691	11.890423	35.671268
UPPCL	NR	CESC(WBSEDCL)	ER	MPPL	12456/D	0.207500	0.023100	0.184400
ADANI I	WR	CESC(WBSEDCL)	ER	CESC	12389/C	0.300000	0.250000	0.050000
APL II	WR	BSPHCL	ER	GMRETL	12286	1.200000	1.000000	0.200000
APL II	WR	BSPHCL	ER	GMRETL	12301/d	1.812000	0.905000	0.907000
APL II	WR	BSPHCL	ER	GMRETL	12326/C	0.840000	0.000000	0.840000
APL II	WR	BSPHCL	ER	GMRETL	12444/D	0.250000	0.150000	0.100000
APL III	WR	BSPHCL	ER	GMRETL	12288	2.160000	0.400000	1.760000
APL III	WR	BSPHCL	ER	GMRETL	12334/D	1.680000	0.000000	1.680000
APL III	WR	BSPHCL	ER	GMRETL	12345/C	1.020000	0.000000	1.020000
APL III	WR	BSPHCL	ER	GMRETL	12354	1.680000	0.000000	1.680000
APL III	WR	BSPHCL	ER	GMRETL	12359	0.880000	0.000000	0.880000
APL III	WR	BSPHCL	ER	GMRETL	12371	0.880000	0.000000	0.880000
APL III	WR	BSPHCL	ER	GMRETL	12378/D	0.880000	0.000000	0.880000
APL III	WR	BSPHCL	ER	GMRETL	12385/D	0.880000	0.000000	0.880000
APL III	WR	BSPHCL	ER	GMRETL	12398/D	0.880000	0.000000	0.880000
APL III	WR	BSPHCL	ER	GMRETL	12406/C	0.600000	0.000000	0.600000
BALCO	WR	CESC(WBSEDCL)	ER	IEX	12365/C	0.280000	0.200000	0.080000
GUJRAT	WR	GRIDCO	ER	SECI		5.846440	0.295678	5.550763
DB POWER	WR	CESC(WBSEDCL)	ER	CESC	12401/C	0.490000	0.240000	0.250000
DB POWER	WR	CESC(WBSEDCL)	ER	CESC	12423	1.058750	0.480000	0.578750
DB POWER	WR	CESC(WBSEDCL)	ER	CESC	12509/C	1.522250	0.097750	1.424500
DBPL	WR	DPL(WBSEDCL)	ER	IEXL	12388/C	0.220000	0.120000	0.100000
DB POWER	WR	DPL(WBSEDCL)	ER	IEXL	12541/C	0.030000	0.000000	0.030000
DB POWER	WR	BSPHCL	ER	GMR	12425/F	19.985000	5.850000	14.135000
DB POWER	WR	BSPHCL	ER	GMRETL	12414	1.680000	0.500000	1.180000
DB POWER	WR	BSPHCL	ER	GMRETL	12404/D	1.680000	0.500000	1.180000
DB POWER	WR	BSPHCL	ER	GMRETL	12410/C	1.680000	0.500000	1.180000
DB POWER	WR	BSPHCL	ER	IEXL	12311/C	1.452500	1.100000	0.352500
DB POWER	WR	BSPHCL	ER	IEX	12329	0.560000	0.460000	0.100000
DB POWER	WR	BSPHCL	ER	IEX	12501/C	0.910000	0.680000	0.230000
DB POWER	WR	BSPHCL	ER	IEXL	12527/C	0.930000	0.630000	0.300000
DB POWER	WR	BSPHCL	ER	IEXL	12513/C	1.000000	0.000000	1.000000
DB POWER	WR	WBSEDCL	ER	DB Power Limited	12217 F	51.870000	20.700000	31.170000
DB POWER	WR	WBSEDCL	ER	IEXL	12279/C	0.100000	0.100000	0.000000
DBPL	WR	WBSEDCL	ER	IEXL	12391/C	0.180000	0.180000	0.000000
GMRWEL	WR	WBSEDCL	ER	PXIL	12284/C	0.127500	0.127500	0.000000
Jaypee Nigrie STPP	WR	WBSEDCL	ER	PTC India Limited	12216 F	41.197500	34.247500	6.950000
JP NIGRE STPP	WR	BSPHCL	ER	IEX	12526/C	0.050000	0.050000	0.000000
JPL	WR	BSPHCL	ER	GMRETL	12452-D	0.200000	0.100000	0.100000
JPL	WR	BSPHCL	ER	GMRETL	12458-D	0.200000	0.100000	0.100000
JPL	WR	BSPHCL	ER	GMRETL	12469/C	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12479/C	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12485/D	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12491/D	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12496/C	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12508/D	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12519/C	0.280000	0.140000	0.140000
JPL	WR	BSPHCL	ER	GMRETL	12538/D	0.280000	0.140000	0.140000
JP-LII	WR	BSPHCL	ER	IEXL	12315/C	0.849000	0.679000	0.170000
JSEWL	WR	BSPHCL	ER	IEXL	12349/C	0.175000	0.175000	0.000000
JSW RATNAGIRI	WR	WBSEDCL	ER	PXIL	12505/C	0.306250	0.306250	0.000000
JSWEL	WR	WBSEDCL	ER	PXIL	12390/C	0.475000	0.475000	0.000000
JSWEL	WR	WBSEDCL	ER	IEX	12545/C	0.039000	0.039000	0.000000
JSWEL	WR	CESC(WBSEDCL)	ER	JSWPTCL	12282/C	0.160000	0.160000	0.000000
KWPCL	WR	BSPHCL	ER	GMRETL	12260/D	1.632000	0.505000	1.127000
KWPCL	WR	BSPHCL	ER	GMRETL	12273	1.632000	0.505000	1.127000
KWPCL	WR	BSPHCL	ER	GMRETL	12302/D	1.572000	0.505000	1.067000
KWPCL	WR	BSPHCL	ER	GMRETL	12327/C	0.660000	0.000000	0.660000
KWPCL	WR	BSPHCL	ER	GMRETL	12342/C	0.660000	0.000000	0.660000
KWPCL	WR	BSPHCL	ER	GMRETL	12360	0.800000	0.000000	0.800000
KWPCL	WR	BSPHCL	ER	GMRETL	12377/D	0.800000	0.000000	0.800000
KWPCL	WR	BSPHCL	ER	GMRETL	12399/D	0.800000	0.000000	0.800000
KWPCL	WR	BSPHCL	ER	GMRETL	12413/D	0.600000	0.000000	0.600000
KWPCL	WR	BSPHCL	ER	GMRETL	12415	0.600000	0.000000	0.600000
KWPCL	WR	BSPHCL	ER	GMRETL	12432	0.600000	0.000000	0.600000



KWPCL	WR	BSPHCL	ER	GMRETL	12435/F	6.600000	0.000000	6.600000
KWPCL	WR	WBSEDCL	ER	PXIL	12316/C	0.350000	0.350000	0.000000
KORBA	WR	BSPHCL	ER	GMR	12267/F	48.396000	16.390000	32.006000
MP TRADING CO	WR	WBSEDCL	ER	PXIL	12542/C	0.300000	0.300000	0.000000
MPPCL	WR	WBSEDCL	ER	IEXL	12265/C	0.800000	0.000000	0.800000
MPPMCL	WR	WBSEDCL	ER	IEXL	12283/C	0.200000	0.200000	0.000000
MPPMCL	WR	WBSEDCL	ER	IEXL	12514/C	0.375000	0.375000	0.000000
MPPMCL	WR	WBSEDCL	ER	IEXL	12534/C	0.100000	0.100000	0.000000
MPPMCL	WR	DPL(WBSEDCL)	ER	IEX	12530/C	0.200000	0.200000	0.000000
MPPMCL	WR	BSPHCL	ER	IEXL	12312/C	0.175000	0.100000	0.075000
MPPMCL	WR	BSPHCL	ER	IEX	12525/C	0.240000	0.240000	0.000000
MPPMCL	WR	BSPHCL	ER	IEXL	12515/C	1.600000	0.900000	0.700000
MPPMCL	WR	CESC(WBSEDCL)	ER	IEXL	12293/C	0.070000	0.000000	0.070000
MPPMCL	WR	CESC(WBSEDCL)	ER	IEX	12524/C	1.010000	0.880000	0.130000
MPPMCL	WR	DPL(WBSEDCL)	ER	IEX	12533/C	0.085000	0.085000	0.000000
GMR WEL	WR	BSPHCL	ER	GMRETL	12262/C	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12305/D	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12325/D	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12335/D	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12376/D	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12384/D	0.800000	0.000000	0.800000
GMR WEL	WR	BSPHCL	ER	GMRETL	12400/C	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12412/D	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12418	0.414000	0.347000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12451/D	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12459/D	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12472	0.044000	0.044000	0.000000
GMR WEL	WR	BSPHCL	ER	GMRETL	12470/C	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12478/C	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12484/D	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12489	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12500	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12507/D	0.754000	0.687000	0.067000
GMR WEL	WR	BSPHCL	ER	GMRETL	12520	0.754000	0.687000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12272	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12291	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12299/D	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12319/D	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12344/C	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12355	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12358	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12370	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12386/ d	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12407/C	0.414000	0.347000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12416	0.340000	0.340000	0.000000
GMR W	WR	BSPHCL	ER	GMRETL	12433	0.754000	0.687000	0.067000
GMR W	WR	BSPHCL	ER	GMRETL	12443/D	0.754000	0.687000	0.067000
GMR WARORA	WR	BSPHCL	ER	GMRETL	12436/C	0.147000	0.111000	0.036000
GMR WARORA	WR	BSPHCL	ER	GMRETL	12528/C	0.072000	0.072000	0.000000
GMR WARORA	WR	BSPHCL	ER	GMRETL	12539/C	0.754000	0.687000	0.067000
GMR WARORA E L	WR	BSPHCL	ER	GMRETL	12447/C	0.041000	0.037000	0.004000
NTPC SAIL PCL	WR	GRIDCO	ER	SAIL RSP	12213 A	9.720000	2.430000	7.290000
MP	WR	BSEB	ER	SECI		1.596608	0.039790	1.556818
DHARIWAL CTU	WR	CESC(WBSEDCL)	ER	CESC	12278/C	0.350000	0.288750	0.061250
DHRIAWAL	WR	CESC(WBSEDCL)	ER	CESC	12517/C	0.785000	0.192500	0.592500
DI CTU	WR	CESC(WBSEDCL)	ER	CESC	12422	0.528750	0.266250	0.262500
TPCIL	SR	BSPHCL	ER	IEXL	12317/C	1.008000	0.840000	0.168000
TPCIL	SR	BSPHCL	ER	IEX	12330	0.447000	0.447000	0.000000
TPCIL	SR	DPL(WBSEDCL)	ER	IEXL	12393/C	0.331250	0.281250	0.050000