

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

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**No. ERPC/COM-I/REA/2017/H3575-H3612**

**Date: 06.01.2017**

**To: As per list attached.**

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

Sir,

The provisional statement of bilateral transactions for the month of December'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.

Encl.: As above.

Yours faithfully,

-Sd-

**(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, Bidyut 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, Bidyut 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 Decemember, 2016**  
**Details of Intra-regional, Inter-Regional & IEX Scheduled Bilateral Exchanges (MUs)**

SL.No.	SELLER	REGION	BUYER	REGION	TRADER	CONT	TOTAL	PEAK	OFF-PEAK
1	APNRL	ER	TNEB	SR		LTOA	67.8296479	16.4354530	51.3941950
2	APNRL	ER	TGPCC	SR(J-G)	PTC	23027/D	0.4040000	0.0000000	0.4040000
3	APNRL	ER	TGPCC	SR(J-G)	PTC	23032/D	0.4200000	0.0000000	0.4200000
4	APNRL	ER	TGPCC	SR(J-G)	PTC	23040/D	0.4200000	0.0000000	0.4200000
5	APNRL	ER	TGPCC	SR(J-G)	PTC	23057/D	0.4200000	0.0000000	0.4200000
6	APNRL	ER	TGPCC	SR(J-G)	PTC	23094/D	0.2834100	0.0000000	0.2834100
7	APNRL	ER	TGPCC	SR(J-G)	PTC	23276/D	0.6000000	0.1200000	0.4800000
8	APNRL	ER	WBSEDCL	ER		LTOA	55.5680450	13.8648228	41.7032222
9	APNRL	ER	JUVNL	JSEB	JSEB	12830 F	80.2435842	19.4920716	60.7515126
10	APNRL	ER	TGPCC	SR(J-G)	PTC	21929 A	2.8373891	2.8373891	0.0000000
11	APNRL	ER	JUVNL	ER	JUVNL	12850/D	0.7980000	0.2220000	0.5760000
12	APNRL	ER	JUVNL	ER	JUVNL	12855/C	0.6357500	0.0917500	0.5440000
13	APNRL	ER	NPC	NR	NPC	37667/S	0.1140000	0.0820000	0.0320000
14	CHUZACHEN	ER	NPC	NR	APPCPL	37911/S	0.1430000	0.1430000	0.0000000
15	DAGACHHU	ER	APDCL	NER	TPTL	2027/C	0.4800000	0.1200000	0.3600000
16	DAGACHHU	ER	APDCL	NER	TPTL	2430/D	0.4800000	0.1200000	0.3600000
17	DAGACHHU	ER	APDCL	NER	TPTL	2433/D	0.4800000	0.1200000	0.3600000
18	DAGACHHU	ER	APDCL	NER	TPTL	2435/D	0.4800000	0.1200000	0.3600000
19	DAGACHHU	ER	APDCL	NER	TPTL	2437/D	0.4800000	0.1200000	0.3600000
20	DAGACHHU	ER	APDCL	NER	TPTL	2439/D	0.4800000	0.1200000	0.3600000
21	DAGACHHU	ER	APDCL	NER	TPTL	2441/D	0.4800000	0.1200000	0.3600000
22	DAGACHHU	ER	APDCL	NER	TPTL	2443/D	0.4800000	0.1200000	0.3600000
23	DAGACHHU	ER	APDCL	NER	TPTL	2447/D	0.4800000	0.1200000	0.3600000
24	DAGACHHU	ER	APDCL	NER	TPTL	2449/D	0.4800000	0.1200000	0.3600000
25	DAGACHHU	ER	APDCL	NER	TPTL	2451/D	0.4800000	0.1200000	0.3600000
26	DAGACHHU	ER	APDCL	NER	TPTL	2453/D	0.4800000	0.1200000	0.3600000
27	DAGACHHU	ER	APDCL	NER	TPTL	2456/D	0.4800000	0.1200000	0.3600000
28	DAGACHHU	ER	APDCL	NER	TPTL	2457/D	0.4800000	0.1200000	0.3600000
29	DAGACHHU	ER	APDCL	NER	TPTL	2460/D	0.4800000	0.1200000	0.3600000
30	DAGACHHU	ER	APDCL	NER	TPTL	2463/D	0.4800000	0.1200000	0.3600000
31	DAGACHHU	ER	APDCL	NER	TPTL	2464/D	0.4800000	0.1200000	0.3600000
32	DAGACHHU	ER	APDCL	NER	TPTL	2470/D	0.4800000	0.1200000	0.3600000
33	DAGACHHU	ER	APDCL	NER	TPTL	2472/D	0.4800000	0.1200000	0.3600000
34	DAGACHHU	ER	APDCL	NER	TPTL	2474/C	0.4800000	0.1200000	0.3600000
35	DAGACHHU	ER	APDCL	NER	TPTL	2478/C	0.4800000	0.1200000	0.3600000
36	DAGACHHU	ER	APDCL	NER	TPTL	2481/D	0.4800000	0.1200000	0.3600000
37	DAGACHHU	ER	WBSEDCL	WBSEB	TPTCL	12842/C	0.1074800	0.1074800	0.0000000
38	DAGACHHU	ER	NSML	WR	TPTL	33022/D	0.2520000	0.0630000	0.1890000
39	DAGACHHU	ER	NSML	WR	TPTL	33138/D	0.2520000	0.0630000	0.1890000
40	DAGACHHU	ER	NSML	WR	TPTL	33244/D	0.2520000	0.0630000	0.1890000
41	DAGACHHU	ER	NSML	WR	TPTL	33301/D	0.2520000	0.0630000	0.1890000
42	DAGACHHU	ER	UPCL	NR	TPTCL	37578/D	0.7200000	0.1800000	0.5400000
43	DAGACHHU	ER	UPCL	NR	TPTCL	37628/D	0.3924025	0.0484525	0.3439500
44	DAGACHHU	ER	UPCL	NR	TPTCL	37644/D	0.7200000	0.1800000	0.5400000
45	DAGACHHU	ER	UPCL	NR	TPTCL	37662/D	0.5338450	0.1088900	0.4249550
46	DAGACHHU	ER	UPCL	NR	TPTCL	37679	0.6410775	0.1800000	0.4610775
47	DAGACHHU	ER	UPCL	NR	TPTCL	37687/D	0.6335050	0.1455575	0.4879475
48	DAGACHHU	ER	UPCL	NR	TPTCL	37705/S	0.3600000	0.0900000	0.2700000
49	DAGACHHU	ER	UPCL	NR	TPTCL	37711/D	0.3059900	0.0382875	0.2677025
50	DAGACHHU	ER	UPCL	NR	TPTCL	37723/D	0.3197225	0.0629225	0.2568000
51	DAGACHHU	ER	UPCL	NR	TPTCL	37736/D	0.1528475	0.0264775	0.1263700
52	DAGACHHU	ER	UPCL	NR	TPTCL	37749/D	0.1974700	0.0326500	0.1648200
53	DAGACHHU	ER	UPCL	NR	TPTCL	37794/D	0.3600000	0.0900000	0.2700000
54	DAGACHHU	ER	UPCL	NR	TPTCL	37806/D	0.3600000	0.0900000	0.2700000
55	DAGACHHU	ER	UPCL	NR	TPTCL	37820/D	0.3600000	0.0900000	0.2700000
56	DAGACHHU	ER	UPCL	NR	TPTCL	37833/D	0.3578775	0.0878775	0.2700000
57	DAGACHHU	ER	UPCL	NR	TPTCL	37849/S	0.3600000	0.0900000	0.2700000
58	DAGACHHU	ER	UPCL	NR	TPTCL	37869/D	0.3519775	0.0859250	0.2660525
59	DAGACHHU	ER	UPCL	NR	TPTCL	37901/D	0.3103050	0.0642425	0.2460625
60	DAGACHHU	ER	UPCL	NR	TPTCL	37935/D	0.2781200	0.0397425	0.2383775
61	DAGACHHU	ER	UPCL	NR	TPTCL	37970/D	0.3600000	0.0900000	0.2700000
62	DAGACHHU	ER	UPCL	NR	TPTCL	37987/S	0.3600000	0.0900000	0.2700000
63	DAGACHHU	ER	UPCL	NR	TPTCL	37851/D	0.3351925	0.0854600	0.2497325
64	DAGACHHU	ER	UPCL	NR	TPTCL	37882/D	0.3179400	0.0543550	0.2635850
65	DAGACHHU	ER	UPCL	NR	TPTCL	37922/D	0.3600000	0.0900000	0.2700000
66	DAGACHHU	ER	UPCL	NR	TPTCL	37764/D	0.0799075	0.0252600	0.0546475
67	DAGACHHU	ER	NAHAR SPINNING MILLS LIMITED	WR	TPTL	33288	0.6360000	0.1590000	0.4770000
68	DAGACHHU	ER	NAHAR SPINNING MILLS LIMITED	WR	TPTL	33288/F	3.3120000	0.9167500	2.5115300
69	DAGACHHU	ER	UPCL	NR	TPTCL	37949/D	0.3600000	0.0900000	0.2700000
70	DAGACHHU	ER	HGI Foundaries Global	WR	TPTCL	32953 F	0.7128000	0.1782000	0.5346000
71	DAGACHHU	ER	Hindustan Aegis Company.	WR	TPTCL	32977 F	0.8184000	0.2046000	0.6138000
72	DAGACHHU	ER	Pallazio Hotel Ltd.	WR	TPTCL	32952 A	0.8184000	0.2046000	0.6138000
73	DVC	ER	DTL	NR		LTOA	220.4089923	59.3660486	161.0429437
74	DVC(CTPS 7&8)	ER	MPPTCL	WR		LTOA	128.7574920	32.5279392	96.2295528
75	DVC(DSTPS -I&II)	ER	PSCL	NR		LTOA	88.9252369	23.4817197	65.4435171
76	DVC(DSTPS -I&II)	ER	MPPTCL	WR		LTOA	28.5049367	7.0445369	21.4603998
77	DVC(DSTPS -I&II)	ER	DVC(TSL)	ER		LTOA	39.8656808	9.7675713	30.0981095
78	DVC(KODARMA)	ER	BESCOM	SR		LTOA	161.3072022	40.2948523	121.0123499
79	DVC(KODARMA)	ER	HVPL	NR		LTOA	27.1776178	7.7857688	19.3918490
80	DVC(meija#5)	ER	WBSEDCL	ER		LTOA	21.7796948	6.2137272	15.5659676
81	MTPS 5&6	ER	MPPTCL	WR		LTOA	69.0180813	18.1403838	50.8776976
82	DVC(MTPS 7)	ER	BYPL	NR		LTOA	59.9535470	18.6386428	41.3149041
83	DVC(MTPS 7 & 8)	ER	DVC(TSL)	ER		LTOA	58.7519244	14.8021825	43.9497419
84	DVC(MTPS 7 & 8)	ER	HPPC	NR		LTOA	57.8347177	16.7284903	41.1062274
85	DVC(MTPS 7 & 8)	ER	BESCOM	SR		LTOA	134.1597396	34.0712532	100.0884864
86	DVC(MTPS 7 & 8)	ER	KSEB	SR		LTOA	68.1526500	17.0330949	51.1195551
87	DVC(RTPS)	ER	HPVNL	NR		LTOA	4.7081545	1.3511750	3.3569795
88	DVC(RTPS)	ER	PUNJB	NR		LTOA	14.1259211	4.0539586	10.0719624
89	DVC(RTPS)	ER	KSEB	SR		LTOA	6.3929432	1.6656090	4.7273342

90	DVC(TI & SCL)	ER	TSL	WR	TSL	33015/F	0.1200000	0.0300000	0.0900000
91	DVC(TISCO)	ER	TSL	WR	TSL	33015	3.4800000	0.8700000	2.6100000
92	DVC(TISCO)	ER	TSL Boiser	WR	TSL	33020/D	0.1880000	0.0300000	0.1580000
93	DVC(TISCO)	ER	TSL Boiser	WR	TSL	33516/C	0.1200000	0.0300000	0.0900000
94	DVC(TISCO)	ER	TSL Boiser	WR	TSL	33543/C	0.1200000	0.0300000	0.0900000
95	DVC(TISCO)	ER	TSL Boiser	WR	TSL	33550/D	0.2160000	0.0540000	0.1620000
96	DVC(TISCO)	ER	TSL Boiser	WR	TSL	33566/C	0.2160000	0.0540000	0.1620000
97	ER	ER		SR	ER LTA TO SR WHL THR WR	393.9391350	99.3676700	294.5714650	
98	ER(DAGACHU)	ER	APDCL	NER	TPTL	2429/D	0.4800000	0.1200000	0.3600000
99	ER(JITPL)	ER	UPCL	NR	TPTCL	37629-S	1.6349925	0.2018750	1.4331175
100	ER(JITPL)	ER	UPCL	NR	TPTCL	37663-D	2.2243675	0.4537450	1.7706225
101	ER(JITPL)	ER	UPCL	NR	TPTCL	37680	2.6711550	0.7500000	1.9211550
102	ER(JITPL)	ER	UPCL	NR	TPTCL	37700/D	4.8000000	1.2000000	3.6000000
103	ER(JITPL)	ER	UPCL	NR	TPTCL	37710/D	4.0798475	0.5104900	3.5693575
104	ER(JITPL)	ER	UPCL	NR	TPTCL	37722/D	4.2630300	0.8389875	3.4240425
105	ER(JITPL)	ER	UPCL	NR	TPTCL	37735/D	2.0379500	0.3530150	1.6849350
106	ER(JITPL)	ER	UPCL	NR	TPTCL	37818/D	3.6000000	0.9000000	2.7000000
107	ER(JITPL)	ER	UPCL	NR	TPTCL	37843/D	4.8000000	1.2000000	3.6000000
108	ER(JITPL)	ER	UPCL	NR	TPTCL	37919/D	3.6000000	0.9000000	2.7000000
109	ER(JITPL)	ER	UPCL	NR	TPTCL	37934/D	3.7083425	0.5299900	3.1783525
110	ER(JITPL)	ER	UPCL	NR	TPTCL	37950/D	2.4000000	0.6000000	1.8000000
111	GMR	ER	HARYANA	NR	LTOA	187.2255561	46.5552727	140.6702835	
112	GMR KAMALANGA ENERGY LTD(STU)	ER	ESIL	WR	PXIL	33761/C	0.5512500	0.3550000	0.1962500
113	GMR	ER	MFPL	WR	GMRTEL	33061/C	0.0268800	0.0067200	0.0201600
114	GMR	ER	MFPL	WR	GMRTEL	33176/C	0.0268800	0.0067200	0.0201600
115	GMR Kamalanga Energy Ltd.	ER	Mindspace Business Park	WR	GMRTEL	32906 A	2.0572650	0.8230725	1.2341925
116	GMR KEL	ER	BSPHCL	ER	GMRKEL	12835/C	6.1680000	1.5420000	4.6260000
117	GMR KEL	ER	BSPHCL	ER	GMRKEL	12841/C	5.9180000	1.3420000	4.5760000
118	GMR KEL	ER	BSPHCL	ER	GMRKEL	12846/C	6.0180000	1.3920000	4.6260000
119	GMR KEL	ER	BSPHCL	ER	GMRKEL	12849/C	5.3680000	1.2920000	4.0760000
120	GMR KEL	ER	BSPHCL	ER	GMRKEL	12857/C	5.5305000	1.3295000	4.2010000
121	GMR KEL	ER	BSPHCL	ER	GMRKEL	12860	5.5680000	1.3170000	4.2510000
122	GMR KEL	ER	BSPHCL	ER	GMRKEL	12864/C	5.5430000	1.2920000	4.2510000
123	GMR KEL	ER	BSPHCL	ER	GMRKEL	12869/D	3.5520000	0.8880000	2.6640000
124	GMR KEL	ER	BSPHCL	ER	GMRKEL	12871/D	3.5520000	0.8880000	2.6640000
125	GMR KEL	ER	BSPHCL	ER	GMRKEL	12873/C	1.9800000	0.4800000	1.5000000
126	GMR KEL	ER	BSPHCL	ER	GMRKEL	12875/C	2.1910000	0.5350000	1.6560000
127	GMR KEL	ER	BSPHCL	ER	GMRKEL	12878/C	2.1910000	0.5350000	1.6560000
128	GMR KEL	ER	BSPHCL	ER	GMRKEL	12880/C	2.1910000	0.5350000	1.6560000
129	GMR KEL	ER	BSPHCL	ER	GMRKEL	12885/C	2.1910000	0.5350000	1.6560000
130	GMR KEL	ER	BSPHCL	ER	GMRKEL	12887/C	2.3080000	0.5780000	1.7300000
131	GMR KEL	ER	BSPHCL	ER	GMRKEL	12890/C	2.3520000	0.5880000	1.7640000
132	GMR KEL	ER	BSPHCL	ER	GMRKEL	12895/C	2.1910000	0.5350000	1.6560000
133	GMR KEL	ER	BSPHCL	ER	GMRKEL	12899/C	2.1910000	0.5350000	1.6560000
134	GMR KEL	ER	BSPHCL	ER	GMRKEL	12902/C	3.0790000	0.7570000	2.3220000
135	GMR KEL	ER	BSPHCL	ER	GMRKEL	12904/C	4.2550000	1.0510000	3.2040000
136	GMR KEL	ER	BSPHCL	ER	GMRKEL	12910/C	4.4160000	1.1040000	3.3120000
137	GMR KEL	ER	BSPHCL	ER	GMRKEL	12912/D	3.1255175	0.6032500	2.5222675
138	GMR KEL	ER	BSPHCL	ER	GMRKEL	12915/C	3.1620000	0.7860000	2.3760000
139	GMR KEL	ER	BSPHCL	ER	GMRKEL	12920/C	2.1910000	0.5350000	1.6560000
140	GMR KEL	ER	BSPHCL	ER	GMRKEL	12923/C	2.1910000	0.5350000	1.6560000
141	GMR KEL	ER	BSPHCL	ER	GMRKEL	12925/C	2.1910000	0.5350000	1.6560000
142	GMR KEL	ER	BSPHCL	ER	GMRKEL	12928/D	2.3120000	0.5780000	1.7340000
143	GMR KEL	ER	MOORDE FOOS	WR	GMR ETL	33122/F	0.7717125	0.1919525	0.5797600
144	GMR KEL	ER	Siemens KALAWA	WR	GMR ETL	33245/F	1.0396325	0.2442425	0.7953900
145	GMRKEL	ER	BSPHCL	ER	GMRKEL	12845/C	6.1680000	1.5420000	4.6260000
146	GMRKEL	ER	BSPHCL	ER	GMRKEL	12862/C	5.6055000	1.3545000	4.2510000
147	GMRKEL	ER	BSPHCL	ER	GMRKEL	12892/C	2.2060000	0.5350000	1.6710000
148	GMRKEL	ER	BSPHCL	ER	GMRKEL	12908/C	4.3720000	1.0940000	3.2780000
149	GMRKEL	ER	UPCL	NR	GMRTEL	37582/S	0.4800000	0.1200000	0.3600000
150	GMRKEL	ER	UPCL	NR	GMRTEL	37633/S	0.0511925	0.0135800	0.0376125
151	GMRKEL	ER	UPCL	NR	GMRTEL	37646/D	0.4800000	0.1200000	0.3600000
152	GMRKEL	ER	UPCL	NR	GMRTEL	37664/D	0.3558925	0.0725950	0.2832975
153	GMRKEL	ER	UPCL	NR	GMRTEL	37674	0.4273875	0.1200000	0.3073875
154	GMRKEL	ER	UPCL	NR	GMRTEL	37684/D	0.4223400	0.0970375	0.3253025
155	GMRKEL	ER	UPCL	NR	GMRTEL	37699/D	0.4800000	0.1200000	0.3600000
156	GMRKEL	ER	UPCL	NR	GMRTEL	37713/D	0.4079850	0.0510500	0.3569350
157	GMRKEL	ER	UPCL	NR	GMRTEL	37721/D	0.4263050	0.0839000	0.3424050
158	GMRKEL	ER	UPCL	NR	GMRTEL	37738/D	0.2037950	0.0353025	0.1684925
159	GMRKEL	ER	UPCL	NR	GMRTEL	37750/D	0.2633075	0.0435325	0.2197750
160	GMRKEL	ER	UPCL	NR	GMRTEL	37762/D	0.1065375	0.0336750	0.0728625
161	GMRKEL	ER	UPCL	NR	GMRTEL	37778/D	0.4752325	0.1160525	0.3591800
162	GMRKEL	ER	UPCL	NR	GMRTEL	37793/D	0.4800000	0.1200000	0.3600000
163	GMRKEL	ER	UPCL	NR	GMRTEL	37807/D	0.4800000	0.1200000	0.3600000
164	GMRKEL	ER	UPCL	NR	GMRTEL	37819/D	0.4800000	0.1200000	0.3600000
165	GMRKEL	ER	UPCL	NR	GMRTEL	37831/D	0.4771675	0.1171675	0.3600000
166	GMRKEL	ER	UPCL	NR	GMRTEL	37844/D	0.4800000	0.1200000	0.3600000
167	GMRKEL	ER	UPCL	NR	GMRTEL	37853/D	0.4469225	0.1139475	0.3329750
168	GMRKEL	ER	UPCL	NR	GMRTEL	37867/D	0.4693050	0.1145625	0.3547425
169	GMRKEL	ER	UPCL	NR	GMRTEL	37879/D	0.4238925	0.0724550	0.3514375
170	GMRKEL	ER	UPCL	NR	GMRTEL	37902/D	0.4137275	0.0856525	0.3280750
171	GMRKEL	ER	UPCL	NR	GMRTEL	37920/D	0.4800000	0.1200000	0.3600000
172	GMRKEL	ER	UPCL	NR	GMRTEL	37937/D	0.2821275	0.0291350	0.2529925
173	GMRKEL	ER	UPCL	NR	GMRTEL	37951/D	0.4800000	0.1200000	0.3600000
174	GMRKEL	ER	SIEMENS LTD	WR	GMRTEL	33065/C	0.0463500	0.0106600	0.0356900
175	GMRKEL	ER	SIEMENS LTD	WR	GMRTEL	33180/C	0.0463500	0.0106600	0.0356900
176	GRIDCO(AARTI STEEL LTD)	ER	AARTI INTERNATIONAL LTD	NR	MTOA	4.2777564	1.1019684	3.1757880	
177	GRIDCO(AARTI STEEL LTD)	ER	AARTI INTERNATIONAL LTD PUNJAB	NR	MTOA	0.3089112	0.0772278	0.2316834	
178	GRIDCO(AARTI STEEL LTD)	ER	AARTI STEEL LTD PUNJAB	NR	MTOA	0.0709992	0.0177498	0.0532494	

179	GRIDCO(AARTI STEEL LTD)	ER	AARTI STEEL LTD PUNJAB	NR		MTOA	0.0591660	0.0147915	0.0443745
180	GRIDCO(AARTI STEEL LTD)	ER	AARTI STEEL LTD PUNJAB	NR		MTOA	0.2728176	0.0682044	0.2046132
181	GRIDCO(AARTI STEEL LTD)	ER	AARTI STEEL LTD PUNJAB	NR		MTOA	0.0474624	0.0118656	0.0355968
182	GRIDCO(AARTI STEEL LTD)	ER	AARTI STEELS LTD (PUNJAB)	NR		MTOA	0.4283646	0.1126464	0.3415718
183	Gridco(GMR)	ER	KSEB	SR(J-G)	PXIL	23087/C	0.1520000	0.1520000	0.0000000
184	Gridco (GMR)	ER	WBSEB	ER	PXIL	12897/C	0.3800000	0.3800000	0.0000000
185	Gridco (GMR KE)	ER	KSEB	SR	PXIL	22966/C	0.3800000	0.3040000	0.0760000
186	GridcoGMR STU	ER	KSEB	SR(J-G)	PXIL	22977/C	0.0760000	0.0000000	0.0760000
187	Gridco(GMRKEL)	ER	KSEB	SR(J-G)	PXIL	23126/C	0.5850000	0.0650000	0.5200000
188	Gridco(GMRKEL)	ER	TSSPDCL	SR(J-G)	PXIL	23212/C	0.7790000	0.3040000	0.4750000
189	Gridco	ER	Govt. Of Sikkim	SIKKIM	APPCL	12576 A	11.3400000	2.8350000	8.5050000
190	HIRAKUD(GRIDCO)	ER	CSEB	WR	LTOA	1.3374816	0.3343704	1.0031112	
191	JITPL	ER	BSPHCL	ER	TPTCL	12700 A	27.9000000	23.2500000	4.6500000
192	JITPL	ER	NPC	NR	APPCL	37910/S	0.3510000	0.0550000	0.2960000
193	JITPL	ER	NPC	NR	APPCL	37973/D	0.1350000	0.1000000	0.0350000
194	JITPL	ER	UPCL	NR	TPTCL	37747/D	2.6330400	0.4353325	2.1977075
195	JITPL	ER	UPCL	NR	TPTCL	37776/D	4.7523350	1.1605150	3.5918200
196	JITPL	ER	UPCL	NR	TPTCL	37791/D	4.8000000	1.2000000	3.6000000
197	JITPL	ER	UPCL	NR	TPTCL	37808/D	4.8000000	1.2000000	3.6000000
198	JITPL	ER	UPCL	NR	TPTCL	37830/D	4.7716900	1.1716900	3.6000000
199	JITPL	ER	UPCL	NR	TPTCL	37850-D	4.4692275	1.1394800	3.3297475
200	JITPL	ER	UPCL	NR	TPTCL	37870/D	4.6930550	1.1456450	3.5474100
201	JITPL	ER	UPCL	NR	TPTCL	37881/D	4.2390825	0.7246300	3.5144525
202	JITPL	ER	UPCL	NR	TPTCL	37900/D	3.1030200	0.6424225	2.4605975
203	JITPL	ER	UPCL	NR	TPTCL	37969/D	2.4000000	0.6000000	1.8000000
204	JITPL	ER	UPCL	NR	TPTCL	37980/D	2.3547250	0.6000000	1.7547250
205	JITPL	ER	UPCL	NR	TPTCL	37995/D	2.4000000	0.6000000	1.8000000
206	JITPL	ER	UPCL	NR	TPTCL	37645-D	3.0000000	0.7500000	2.2500000
207	JITPL	ER	UPCL	NR	TPTCL	37686-D	4.2234100	0.9704075	3.2530025
208	JITPL	ER	UPCL	NR	TPTCL	37755-S	0.2218300	0.0218300	0.2000000
209	JITPL	ER	UPCL	NR	TPTCL	37765-D	1.0653600	0.3367550	0.7286050
210	JITPL	ER	UPCL	NR	TPTCL	37575-D	4.8000000	1.2000000	3.6000000
211	JITPL	ER	33332/F	WR	PIHPL	33332/F	0.0729600	0.0182400	0.0547200
212	JITPL	ER	ACCIL	WR	ACCIL	33009/F	3.0600000	0.7650000	2.2950000
213	JITPL	ER	acg associated capsules pvt ltd	WR	acg associated capsules pvt ltd	33120/F	2.3594400	0.5898600	1.7695800
214	JITPL	ER	acg associated capsules pvt ltd	WR	acg associated capsules pvt ltd	33121/F	1.4546400	0.3636600	1.0909800
215	JITPL	ER	ACG Associated Ltd.	WR	ACG Associated Ltd.	32969 F	1.4880000	0.3720000	1.1160000
216	JITPL	ER	ARPIPL	WR	ARPIPL	33011/F	0.8352000	0.2088000	0.6264000
217	JITPL	ER	asahi india glass ltd	WR	asahi india glass ltd	33119/F	1.5637400	0.3913200	1.1724200
218	JITPL	ER	Asian Hotel West Ltd.	WR	Asian Hotel West Ltd.	32966 F	0.8024800	0.2049800	0.5975000
219	JITPL	ER	BEST Maharashtra	WR	TPTCL	32506 A	31.6800000	7.9200000	23.7600000
220	JITPL	ER	BHARAT GEARS LTD	WR	BHARAT GEARS LTD	33118/F	0.9071100	0.2243400	0.6827700
221	JITPL	ER	Bharat Hotels Ltd.	WR	Bharat Hotels Ltd.	32968 F	0.9734000	0.2542000	0.7192000
222	JITPL	ER	Bosch Chassis Systems India LTD.	WR	Bosch Chassis Systems India LTD.	33114/F	0.9444600	0.2605900	0.6838700
223	JITPL	ER	bosch ltd	WR	bosch ltd	33116/F	3.5683200	0.8920800	2.6762400
224	JITPL	ER	BOSCH LTD	WR	KSL AND INDUSTRIES LTD U II	33117/F	1.0422600	0.2749200	0.7673400
225	JITPL	ER	CATL	WR	CATL	33007/F	1.2672000	0.3168000	0.9504000
226	JITPL	ER	Cipla Ltd	WR	Cipla Ltd	33013/F	0.6681600	0.1670400	0.5011200
227	JITPL	ER	EPCOS INDIA PVT LTD	WR	EPCOS INDIA PVT LTD	33125/F	0.9644400	0.2462400	0.7182000
228	JITPL	ER	EXIDE INDUSTRIES LTD	WR	EXIDE INDUSTRIES LTD	33126/F	1.3195500	0.3305600	0.9889900
229	JITPL	ER	EXIDE INDUSTRIES LTD	WR	EXIDE INDUSTRIES LTD	33127/F	1.7369700	0.4371900	1.2997800
230	JITPL	ER	EXIDE INDUSTRIES LTD	WR	EXIDE INDUSTRIES LTD	33128/F	1.3986400	0.3694800	1.0291600
231	JITPL	ER	FAIR FIELD ATLAS LTD.	WR	FAIR FIELD ATLAS LTD.	33112/F	0.6451200	0.1612800	0.4838400
232	JITPL	ER	Foundation Brake Ltd.	WR	Foundation Brake Ltd.	32976 F	1.0167600	0.2414000	0.7753600
233	JITPL	ER	Galaxy Surfactants Ltd..	WR	Galaxy Surfactants Ltd.	32975 F	1.0022400	0.2505600	0.7516800
234	JITPL	ER	Gigaplex Estate Pvt Ltd.	WR	Gigaplex Estate Pvt. Ltd.	32948 F	1.1417400	0.3384000	0.8033400
235	JITPL	ER	GKNSMPL	WR	GKNSMPL	33014/F	0.7371200	0.1795200	0.5576000
236	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GLOBAL NONWOVENS LTD	33376/F	0.1488000	0.0463800	0.1024200
237	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33362/C	0.0360900	0.0099100	0.0261800
238	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33374/C	0.0496000	0.0154600	0.0341400
239	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33409/D	0.0521200	0.0156700	0.0364500
240	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33442/C	0.0256300	0.0027500	0.0228800
241	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33459/D	0.0385200	0.0118600	0.0266600
242	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33603/c	0.0572700	0.0180000	0.0392700
243	JITPL	ER	GLOBAL NONWOVENS LTD	WR	GNL	33627/C	0.0449900	0.0138600	0.0311300
244	JITPL	ER	GSL	WR	GSL	33017/F	0.8352000	0.2088000	0.6264000
245	JITPL	ER	gujart reclaim and rubber pro ltd.	WR	gujart reclaim and rubber pro ltd.	33113/F	1.0511200	0.2704800	0.7806400
246	JITPL	ER	HILM	WR	HILM	33008/F	3.0600000	0.7650000	2.2950000
247	JITPL	ER	Hindalco Ind Ltd	WR	Hindalco Ind Ltd.	32981 F	3.1807200	0.7989000	2.3818200
248	JITPL	ER	Hindoostan Mills Ltd	WR	Hindoostan Mills Ltd.	32982 F	1.1542400	0.2897400	0.8645000
249	JITPL	ER	Hindustan National Glass & Industries	WR	Hindustan National Glass & Industries	33004/F	5.9239200	1.4809800	4.4429400
250	JITPL	ER	INDIA UMNS	WR	INDIA UMNS	33249/F	0.4342400	0.1858500	0.4336547
251	JITPL	ER	ISMTL	WR	ISMTL	33010/F	1.4066200	0.3498000	1.0568200
252	JITPL	ER	J&JPL MULUND	WR	J&JPL	33256/F	0.0278400	0.0069600	0.0208800
253	JITPL	ER	JCN INDIA LTDL	WR	JCN INDIA LTD	33123/F	1.0126400	0.2808800	0.7317600
254	JITPL	ER	JJPL	WR	JJPL	33620/C	0.0255200	0.0058000	0.0197200
255	JITPL	ER	JJPL	WR	JJPL	33744/D	0.0255200	0.0058000	0.0197200
256	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33045/C	0.0789700	0.0227900	0.0561800
257	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33197/C	0.0498200	0.0100700	0.0397500
258	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33248/D	0.0402800	0.0100700	0.0302100
259	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33305/D	0.0296800	0.0068900	0.0227900
260	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33321/D	0.0381600	0.0127200	0.0254400

261	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33328/D	0.0328600	0.0095400	0.0233200
262	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33340	0.0254400	0.0063600	0.0190800
263	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33349/C	0.0328600	0.0095400	0.0233200
264	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33356/D	0.0254400	0.0063600	0.0190800
265	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33373/D	0.0572400	0.0190800	0.0381600
266	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33383/C	0.0344500	0.0095400	0.0249100
267	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33388/D	0.0424000	0.0095400	0.0328600
268	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33400/D	0.0466400	0.0095400	0.0371000
269	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33410/D	0.0381600	0.0095400	0.0286200
270	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33419/D	0.0381600	0.0095400	0.0286200
271	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33429/C	0.1017600	0.0254400	0.0763200
272	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33447/D	0.0890400	0.0222600	0.0667800
273	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33453/D	0.1314400	0.0349800	0.0964600
274	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33457/D	0.1102400	0.0286200	0.0816200
275	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33476/C	0.0977600	0.0255000	0.0722600
276	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33485/C	0.0934400	0.0255000	0.0679400
277	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33490/C	0.0934400	0.0255000	0.0679400
278	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33520/D	0.0807200	0.0223200	0.0584000
279	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33526/D	0.0807200	0.0223200	0.0584000
280	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33551/C	0.0807200	0.0223200	0.0584000
281	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33584/C	0.0805600	0.0222600	0.0583000
282	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33602/C	0.0805600	0.0222600	0.0583000
283	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33632/C	0.0805600	0.0222600	0.0583000
284	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33677/C	0.0805600	0.0222600	0.0583000
285	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33711/D	0.0805600	0.0222600	0.0583000
286	JITPL	ER	JPFL NASIK	WR	JPFL NASIK	33747/D	0.0424000	0.0127200	0.0296800
287	JITPL	ER	Juhu Beach Resorts	WR	Juhu Beach Resorts	32967 F	1.0118400	0.2945000	0.7173400
288	JITPL	ER	Juniper Hostel Pvt Ltd.	WR	Juniper Hostel Pvt Ltd.	32970 F	1.5345000	0.4281100	1.1063900
289	JITPL	ER	LIL	WR	LIL	33012/F	0.8073600	0.2018400	0.6055200
290	JITPL	ER	Mandke Foundation Mumbai.	WR	Mandke Foundation Mumbai.	32972 F	1.0659600	0.2154600	0.8505000
291	JITPL	ER	MMASL	WR	MMASL	33016/F	0.5510400	0.1478400	0.4032000
292	JITPL	ER	Oberoi Mall Ltd.	WR	Oberoi Mall Ltd.	32971 F	0.5294800	0.2449000	0.2845800
293	JITPL	ER	OC Pvt Ltd	WR	OC Pvt Ltd	33005/F	4.8052800	1.2013200	3.6039600
294	JITPL	ER	ORIENT CLJ	WR	OCL	33300	0.0979200	0.0244800	0.0734400
295	JITPL	ER	ORIENT CLJ	WR	OCL	33300/F	1.8849600	0.5375400	1.4423045
296	JITPL	ER	Parag Milk Foods Pvt Ltd	WR	Parag Milk Foods Pvt Ltd	33003/F	1.6344000	0.4086000	1.2258000
297	JITPL	ER	PIHPL	WR	PIHPL	33332/F	0.7660800	0.2185000	0.5829291
298	JITPL	ER	posco maharashtra steel pvt ltd.	WR	posco maharashtra steel pvt ltd.	33115/F	13.3058400	3.3264600	9.9793800
299	JITPL	ER	Pulgaon Cotton Mills	WR	Pulgaon Cotton Mills.	32984 F	1.5103200	0.3775800	1.1327400
300	JITPL	ER	SKF India Ltd Pune	WR	SKF India Ltd.	32986 F	2.4185000	0.6056400	1.8128600
301	JITPL	ER	Tata Communication Ltd..	WR	Tata Communication Ltd.	32974 F	3.3278500	0.8704800	2.4573700
302	JITPL	ER	TATA MILLS	WR	TATA MILLS	33250/F	0.5568000	0.0228375	0.5560808
303	JITPL	ER	Technova Imaging Pvt. Ltd..	WR	Technova Imaging Pvt Ltd.	32973 F	0.8630400	0.2157600	0.6472800
304	JITPL	ER	TJRSWM Co Ltd	WR	TJRSWM Co Ltd	33006/F	0.9196800	0.2404800	0.6792000
305	JITPL	ER	WCR	WR	JITPL	33026/D	0.4284000	0.1071000	0.3213000
306	JITPL	ER	WCR	WR	JITPL	33139/D	0.4284000	0.1071000	0.3213000
307	JITPL	ER	WCR	WR	JITPL	33247/D	0.4284000	0.1071000	0.3213000
308	JITPL	ER	WCR	WR	JITPL	33303/D	0.4284000	0.1071000	0.3213000
309	JITPL	ER	WCR	WR	JITPL	33320/D	0.4284000	0.1071000	0.3213000
310	JITPL	ER	WCR	WR	JITPL	33331/D	0.4284000	0.1071000	0.3213000
311	JITPL	ER	WCR	WR	JITPL	33342	0.4284000	0.1071000	0.3213000
312	JITPL	ER	WCR MP	WR	JITPL	33346/C	0.4284000	0.1071000	0.3213000
313	JITPL	ER	WCR MP	WR	JITPL	33360/C	0.4284000	0.1071000	0.3213000
314	JITPL	ER	WCR MP	WR	JITPL	33372/C	0.4284000	0.1071000	0.3213000
315	JITPL	ER	WCR MP	WR	JITPL	33381/D	0.4284000	0.1071000	0.3213000
316	JITPL	ER	WCR MP	WR	JITPL	33389/D	0.4284000	0.1071000	0.3213000
317	JITPL	ER	WCR MP	WR	JITPL	33401/D	0.4284000	0.1071000	0.3213000
318	JITPL	ER	WCR MP	WR	JITPL	33452/C	0.8159550	0.2063400	0.6096150
319	JITPL	ER	WCR MP	WR	JITPL	33491/C	0.0086150	0.0000000	0.0086150
320	JITPL	ER	WCR MP	WR	JITPL	33519/D	0.3883925	0.0710150	0.3173775
321	JITPL	ER	WCR MP	WR	JITPL	33617/D	0.5948150	0.0894075	0.5054075
322	JITPL	ER	WCR MP	WR	JITPL	33639/D	0.5233125	0.0852350	0.4380775
323	JITPL	ER	WCR MP	WR	JITPL	33742/C	0.4522450	0.0857250	0.3665200
324	JITPL	ER	Western Central Rly	WR	JITPL	33403/F	7.7112000	2.2446375	5.8816821
325	JITPL	ER	ACG ACPL	WR	ACG ACPL	33188/C	0.0813600	0.0203400	0.0610200
326	JITPL	ER	EILCD-2	WR	EIL	33196/C	0.0561600	0.0140400	0.0421200
327	JITPL	ER	EILE5	WR	EIL	33195/C	0.0487200	0.0121800	0.0365400
328	JITPL	ER	EILE5	WR	EILE5	33047/C	0.0487200	0.0121800	0.0365400
329	JITPL	ER	EPCOS IP LTD	WR	EPCOS IP LTD	33055/C	0.0410400	0.0102600	0.0307800
330	JITPL	ER	EPCOS IP LTD	WR	EPCOS IP LTD	33192/C	0.0410400	0.0102600	0.0307800
331	JITPL	ER	GNL	WR	GNL	33049/C	0.0494100	0.0150600	0.0343500
332	JITPL	ER	GNL	WR	GNL	33191/C	0.0494100	0.0150600	0.0343500
333	JITPL	ER	GNL	WR	GNL	33413/C	0.0521200	0.0156700	0.0364500
334	JITPL	ER	GNL	WR	GNL	33428/C	0.0521200	0.0156700	0.0364500
335	JITPL	ER	GNL	WR	GNL	33567/C	0.0488600	0.0170000	0.0318600
336	JITPL	ER	GNL	WR	GNL	33675/D	0.0381800	0.0117500	0.0264300
337	JITPL	ER	GNL	WR	GNL	33712/D	0.0381800	0.0117500	0.0264300
338	JITPL	ER	GNL	WR	GNL	33748/C	0.0403700	0.0153500	0.0250200
339	JITPL	ER	IUMN5	WR	IUMN5	33064/C	0.0188800	0.0000000	0.0188800
340	JITPL	ER	IUMN5	WR	IUMN5	33186/C	0.0188800	0.0000000	0.0188800
341	JITPL	ER	JCBIL	WR	JCBIL	33051/C	0.0446000	0.0120200	0.0325800
342	JITPL	ER	JCBIL	WR	JCBIL	33189/C	0.0446000	0.0120200	0.0325800
343	JITPL	ER	JRS&S&WMC	WR	JRS&S&WMC	33048/C	0.0204800	0.0084000	0.0120800
344	JITPL	ER	KSL&IL	WR	KSL&IL	33050/C	0.0359400	0.0094800	0.0264600
345	JITPL	ER	KSL&IL	WR	KSL&IL	33184/C	0.0359400	0.0094800	0.0264600
346	JITPL	ER	LONA I LTD.	WR	LONA I LTD	33058/C	0.0278400	0.0069600	0.0208800
347	JITPL	ER	MMASL	WR	MMASL	33053/C	0.0168000	0.0067200	0.0100800
348	JITPL	ER	TATA MILLS, NTC LTD	WR	TATA MILLS	33063/C	0.0232000	0.0000000	0.0232000
349	JITPL	ER	TATA MILLS, NTC LTD	WR	TATA MILLS	33185/C	0.0232000	0.0000000	0.0232000

350	JITPL	ER	TATA MILLS, NTC LTD	WR	TATA MILLS	33246/D	0.0232000	0.0000000	0.0232000
351	JITPL	ER	WCR	WR	JITPL	33548/C	0.4122050	0.1099825	0.3022225
352	JITPL	ER	WCR	WR	JITPL	33585/D	0.4505225	0.1183750	0.3321475
353	JITPL	ER	GRIDCO	ER	JITPL	12837/C	0.9000000	0.0500000	0.8500000
354	JITPL	ER	GRIDCO	ER	JITPL	12840/D	1.2000000	0.3000000	0.9000000
355	JITPL	ER	GRIDCO	ER	JITPL	12843/D	0.8400000	0.2100000	0.6300000
356	JITPL	ER	GRIDCO	ER	JITPL	12848/D	0.8400000	0.2100000	0.6300000
357	JITPL	ER	GRIDCO	ER	JITPL	12851/D	0.8400000	0.2100000	0.6300000
358	JITPL	ER	GRIDCO	ER	JITPL	12854/D	0.8400000	0.2100000	0.6300000
359	JITPL	ER	GRIDCO	ER	JITPL	12859	0.8400000	0.2100000	0.6300000
360	JITPL	ER	GRIDCO	ER	JITPL	12863/C	0.7787500	0.1487500	0.6300000
361	JITPL	ER	GRIDCO	ER	JITPL	12866/C	0.6300000	0.0350000	0.5950000
362	JITPL	ER	GRIDCO	ER	JITPL	12870/C	0.7962500	0.1662500	0.6300000
363	JITPL	ER	GRIDCO	ER	JITPL	12872/C	0.8175000	0.1875000	0.6300000
364	JITPL	ER	GRIDCO	ER	JITPL	12874/C	0.6300000	0.0350000	0.5950000
365	JITPL	ER	GRIDCO	ER	JITPL	12876/C	0.8050000	0.1750000	0.6300000
366	JITPL	ER	GRIDCO	ER	JITPL	12879/C	0.8050000	0.1750000	0.6300000
367	JITPL	ER	GRIDCO	ER	JITPL	12881/C	0.7300000	0.1100000	0.6200000
368	JITPL	ER	GRIDCO	ER	JITPL	12886	0.6300000	0.0350000	0.5950000
369	JITPL	ER	GRIDCO	ER	JITPL	12888/C	0.6300000	0.0350000	0.5950000
370	JITPL	ER	GRIDCO	ER	JITPL	12891/C	0.8200000	0.1900000	0.6300000
371	JITPL	ER	GRIDCO	ER	JITPL	12893/C	0.8400000	0.2100000	0.6300000
372	JITPL	ER	GRIDCO	ER	JITPL	12896/C	1.2000000	0.3000000	0.9000000
373	JITPL	ER	GRIDCO	ER	JITPL	12900/C	0.6900000	0.0850000	0.6050000
374	JITPL	ER	GRIDCO	ER	JITPL	12903/C	0.6300000	0.0350000	0.5950000
375	JITPL	ER	GRIDCO	ER	JITPL	12905/C	0.8400000	0.2100000	0.6300000
376	JITPL	ER	GRIDCO	ER	JITPL	12909/C	0.8400000	0.2100000	0.6300000
377	JITPL	ER	GRIDCO	ER	JITPL	12911/C	0.8400000	0.2100000	0.6300000
378	JITPL	ER	GRIDCO	ER	JITPL	12913/C	0.8400000	0.2100000	0.6300000
379	JITPL	ER	GRIDCO	ER	JITPL	12914/C	0.8400000	0.2100000	0.6300000
380	JITPL	ER	GRIDCO	ER	JITPL	12919/D	0.8400000	0.2100000	0.6300000
381	JITPL	ER	GRIDCO	ER	JITPL	12922/D	0.8400000	0.2100000	0.6300000
382	JITPL	ER	GRIDCO	ER	JITPL	12924/D	0.8400000	0.2100000	0.6300000
383	JITPL	ER	GRIDCO	ER	JITPL	12929/C	0.8400000	0.2100000	0.6300000
384	JITPL	ER	AACPL	WR	AACPL	33024/D	0.0501600	0.0125400	0.0376200
385	JITPL	ER	ACCIL	WR	ACCIL	33025/D	0.1020000	0.0255000	0.0765000
386	JITPL	ER	ACG ACP	WR	ACG ACP	33036/C	0.0813600	0.0203400	0.0610200
387	JITPL	ER	ACG ACP	WR	ACG ACP	33187/C	0.0501600	0.0125400	0.0376200
388	JITPL	ER	AIGL	WR	AIGL	33037/C	0.0561600	0.0140400	0.0421200
389	JITPL	ER	AIGL	WR	AIGL	33179/C	0.0561600	0.0140400	0.0421200
390	JITPL	ER	ARPIPL	WR	ARPIPL	33023/D	0.0278400	0.0069600	0.0208800
391	JITPL	ER	BCSIL	WR	BCSIL	33027/D	0.0407000	0.0113300	0.0293700
392	JITPL	ER	BCSIL	WR	BCSIL	33183/C	0.0407000	0.0113300	0.0293700
393	JITPL	ER	Bharat Gears	WR	Bharat Gears	33021/D	0.0318300	0.0078600	0.0239700
394	JITPL	ER	Bharat Gears	WR	Bharat Gears	33175/C	0.0318300	0.0078600	0.0239700
395	JITPL	ER	Bosch	WR	Bosch	33028/D	0.1274400	0.0318600	0.0955800
396	JITPL	ER	Bosch	WR	Bosch	33177/C	0.1274400	0.0318600	0.0955800
397	JITPL	ER	CATL PUNE	WR	CATL PUNE	33029/D	0.0422400	0.0105600	0.0316800
398	JITPL	ER	Cipla Ltd PATAL	WR	Cipla Ltd	33030/D	0.0278400	0.0069600	0.0208800
399	JITPL	ER	Exide	WR	Exide	33043/C	0.0616800	0.0154200	0.0462600
400	JITPL	ER	Exide	WR	Exide	33193/C	0.0539100	0.0143100	0.0396000
401	JITPL	ER	FFAL	WR	FFAL	33038/C	0.0268800	0.0067200	0.0201600
402	JITPL	ER	FFAL	WR	FFAL	33182/C	0.0268800	0.0067200	0.0201600
403	JITPL	ER	GKN SMPL	WR	GKN SMPL	33040/C	0.0326400	0.0081600	0.0244800
404	JITPL	ER	Global SOF	WR	Global SOF	33039/C	0.0278400	0.0069600	0.0208800
405	JITPL	ER	Global SOF	WR	Global SOF	33454/D	0.0457600	0.0139700	0.0317900
406	JITPL	ER	GRRPL	WR	GRRPL	33041/C	0.0297500	0.0112700	0.0184800
407	JITPL	ER	GRRPL	WR	GRRPL	33181/C	0.0441700	0.0112700	0.0329000
408	JITPL	ER	HIL Mouda	WR	HIL Mouda	33046/C	0.1020000	0.0255000	0.0765000
409	JITPL	ER	HNGIL	WR	HNGIL	33042/C	0.1860000	0.0465000	0.1395000
410	JITPL	ER	I U MILLS NO 5	WR	IUMN5	33249/F	0.0188800	0.0000000	0.0188800
411	JITPL	ER	India United Mills	WR	India United Mills	33343/D	0.0188800	0.0000000	0.0188800
412	JITPL	ER	ISMT	WR	ISMT	33044/C	0.0508800	0.0127200	0.0381600
413	JITPL	ER	Jhonshon & Jhanshon	WR	Jhonshon & Jhanshon	33035/D	0.0278400	0.0069600	0.0208800
414	JITPL	ER	Jhonshon & Jhanshon	WR	Jhonshon & Jhanshon	33515/C	0.0278400	0.0069600	0.0208800
415	JITPL	ER	Jhonshon & Jhanshon	WR	Jhonshon & Jhanshon	33549/D	0.0081200	0.0000000	0.0081200
416	JITPL	ER	Jhonshon & Jhanshon	WR	Jhonshon & Jhanshon	33565/C	0.0139200	0.0023200	0.0116000
417	JITPL	ER	jjpl	WR	Jhonshon & Jhanshon	33600/C	0.0255200	0.0058000	0.0197200
418	JITPL	ER	JnJPL	WR	JNJPL	33541/C	0.0174000	0.0000000	0.0174000
419	JITPL	ER	JnJPL	WR	JNJPL	33671/C	0.0255200	0.0058000	0.0197200
420	JITPL	ER	JnJPL	WR	JNJPL	33706/D	0.0255200	0.0058000	0.0197200
421	JITPL	ER	OCPL	WR	OCPL	33031/D	0.1632000	0.0408000	0.1224000
422	JITPL	ER	Orient Cement	WR	OCPL	33234/C	0.0979200	0.0244800	0.0734400
423	JITPL	ER	Orient Cement	WR	OCPL	33304/D	0.0979200	0.0244800	0.0734400
424	JITPL	ER	Orient Cement	WR	OCPL	33319/D	0.0979200	0.0244800	0.0734400
425	JITPL	ER	Pepsico	WR	Pepsico	33033/D	0.0364800	0.0091200	0.0273600
426	JITPL	ER	Pepsico	WR	Pepsico	33190/C	0.0364800	0.0091200	0.0273600
427	JITPL	ER	Pepsico	WR	Pepsico	33241/D	0.0364800	0.0091200	0.0273600
428	JITPL	ER	Pepsico	WR	Pepsico	33302/D	0.0364800	0.0091200	0.0273600
429	JITPL	ER	Pepsico	WR	Pepsico	33318/D	0.0364800	0.0091200	0.0273600
430	JITPL	ER	Pepsico	WR	Pepsico	33325/D	0.0364800	0.0091200	0.0273600
431	JITPL	ER	Pepsico	WR	Pepsico	33341	0.0364800	0.0091200	0.0273600
432	JITPL	ER	PIHPL	WR	PIHPL	33348/C	0.0364800	0.0091200	0.0273600
433	JITPL	ER	PMFPL	WR	PMFPL	33032/D	0.0544800	0.0136200	0.0408600
434	JITPL	ER	POSCO Maha	WR	POSCO Maha	33034/D	0.0638400	0.0159600	0.0478800
435	JITPL	ER	POSCO Maha	WR	POSCO Maha	33178/C	0.0638400	0.0159600	0.0478800
436	JITPL	ER	POSCO Maha	WR	POSCO Maha	33242/D	0.0504000	0.0126000	0.0378000
437	JITPL	ER	POSCO Maha	WR	POSCO Maha	33495/D	0.2808000	0.0702000	0.2106000
438	JITPL	ER	POSCO Maha	WR	POSCO Maha	33601/C	0.2424000	0.0606000	0.1818000
439	JITPL	ER	POSCO Maha	WR	POSCO Maha	33621/C	0.2935200	0.0733800	0.2201400
440	JITPL	ER	UPCL	NR	TPTCL	38014/D	2.4000000	0.6000000	1.8000000
441	MPL	ER		DVC		LTOA	84.6323381	25.1712986	59.4610395
442	MPL	ER		NR		LTOA	182.3074601	48.3636432	133.9438168
443	MPL	ER	WBSEDC	WBSEB		LTOA	192.6975023	50.5698173	142.1276850

444	MPL	ER	KSEB	SR		L_15_06	101.9824786	25.3023516	76.6801269
445	MPL	ER	KSEB	SR		M_15_06	84.8711999	20.5896125	64.2815875
446	BYPL	NR	BSPHCL	BSEB	NVVN	12823 F	9.4302000	7.8585000	1.5717000
447	BYPL	NR	MePDCL	NER	MPPL	2411 A	1.4980275	0.3744600	1.1235675
448	BYPL	NR	MePDCL	NER	MPPL	2411 F	18.6000000	4.6500000	13.9500000
449	BYPL	NR	MePDCL	NER	PTC India Ltd.	2415 F	22.3200000	7.4400000	14.8800000
450	BYPL	NR	NVVN NEPAL	ER	NVVN	12824 F	21.8424000	5.5632000	16.2792000
451	Faridabad(Solar)	NR	GRIDCO	ER		LTOA(Solar)	0.4080700	0.0009600	0.4071100
452	Rajsthan	NR	GRIDCO	ER	SECI	LTOA(Solar)	1.6231950	0.0248350	1.5983600
453	Rajsthan	NR	JSEB	ER	SECI	LTOA(Solar)	1.5651900	0.0369675	1.5282225
454	Rajsthan(Solar)	NR	DVC	ER		LTOA(Solar)	2.4831975	0.0495650	2.4336325
455	Rajsthan(Solar)	NR	GRIDCO	ER		LTOA(Solar)	1.8541925	0.0359725	1.8182200
456	Rajsthan(Solar)	NR	WBSEDCL	ER		LTOA(Solar)	6.0857375	0.1472225	5.9385150
457	SPDC J & K	NR	WBSEDCL	ER		MTOA/12/001	22.4152126	5.8510577	16.5641549
458	Unchar(Solar)	NR	DVC	ER		LTOA(Solar)	0.7399350	0.0012125	0.7387225
459	SIKKIM	ER	DD	WR	APPCL	33291	0.3600000	0.3600000	0.0000000
460	SIKKIM	ER	DD	WR	APPCL	33471/F	0.3000000	0.3000000	0.0300075
461	SIKKIM	ER	DD UT	WR	APPCL	33194/C	0.0300000	0.0300000	0.0000000
462	SIKKIM	ER	DD UT	WR	APPCL	33240/D	0.0300000	0.0300000	0.0000000
463	SIKKIM	ER	DD UT	WR	APPCL	33460/D	0.0300000	0.0300000	0.0000000
464	SIKKIM	ER	DD UT	WR	APPCL	33472/D	0.0300000	0.0300000	0.0000000
465	IL & FS TN PCL	SR	WBSEDCL	ER	IEXL	12883/C	0.1900000	0.1900000	0.0000000
466	TALCHER SOLAR	ER	DVC	ER		LTOA(Solar)	1.3720133	0.0000000	1.3720133
467	WBSEB	ER	SIKKIM	ER		LTOA	3.0660408	0.7665102	2.2995306
468	WBSEB(CESC)	ER	MePDCL	NER	MPPL	2413 A	9.7790000	0.0000000	9.7790000
469	WBSEB(CESC)	ER	MSPDCL	NER	MPPL	2412 A	4.6690000	0.0000000	4.6690000
470	WBSEB(CESC)	ER	HPPC	NR	MPPL	37576-D	0.1500000	0.0000000	0.1500000
471	WBSEB(CESC)	ER	HPPC	NR	MPPL	37601-S	0.1375000	0.0000000	0.1375000
472	WBSEB(CESC)	ER	HPPC	NR	MPPL	37647-D	0.5135000	0.0635000	0.4500000
473	WBSEB(CESC)	ER	HPPC	NR	MPPL	37751/D	0.1250000	0.0000000	0.1250000
474	WBSEB(CESC)	ER	HPPC	NR	MPPL	37832/D	0.0929225	0.0429225	0.0500000
475	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37689-S	0.2500025	0.0000000	0.2500025
476	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37712-D	0.1500000	0.0000000	0.1500000
477	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37763-D	0.0254600	0.0000000	0.0254600
478	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37777/DA	0.3393200	0.0653200	0.2739800
479	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37790/DA	0.1750000	0.0250000	0.1500000
480	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37813/S	0.1750000	0.0250000	0.1500000
481	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37821/D	0.1750000	0.0250000	0.1500000
482	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37845/D	0.3500000	0.0500000	0.3000000
483	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37852/D	0.4039075	0.0466100	0.3572975
484	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37903/D	0.3979125	0.0398075	0.3648250
485	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37921/D	0.1562500	0.0000000	0.1562500
486	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37938/D	0.2053950	0.0000000	0.2053950
487	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37956/S	0.3450000	0.0000000	0.3450000
488	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37971/D	0.3670000	0.0000000	0.3670000
489	WBSEB(CESC)	ER	HPSEB	NR	MPPL	38013/D	0.2750000	0.0000000	0.2750000
490	WBSEB(CESC)	ER	HPSEB	NR	MPPL	37577-D	0.1750000	0.0250000	0.1500000
491	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37630-D	0.1675650	0.0000000	0.1675650
492	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37675	0.1000000	0.0500000	0.0500000
493	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37698/D	0.2437500	0.0937500	0.1500000
494	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37769/S	0.4339950	0.0595325	0.3744625
495	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37868/D	0.4128675	0.0478675	0.3650000
496	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37880/D	0.2522350	0.0191550	0.2330800
497	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37979/D	0.2937500	0.0000000	0.2937500
498	WBSEB(CESC)	ER	HPSEB	ER	MPPL	37997/S	0.2770000	0.0000000	0.2770000
499	WBSEDCL	ER	NVVN-BPDB		PTC India Limited	12575 A	108.2385000	40.0140000	68.2245000
500	WBSEDCL	ER	NVVN-BPDB		PTC	12839/D	2.2525000	1.4820000	0.7705000
501	WBSEDCL	ER	NVVN-BPDB		PTC	12844/D	2.6160000	1.4820000	1.1340000
502	WBSEDCL	ER	NVVN-BPDB		PTC	12847/D	2.8655000	0.0000000	2.8655000
503	BACL CTU	WR	WBSEDCL	ER	IEX	12894/C	0.4000000	0.4000000	0.0000000
504	BALCO	WR	Nepal	NVVN NEPAL	NVVN	12825 F	36.4279500	9.2781000	27.1498500
505	DB POWER	WR	WBSEDCL	ER	IEXL	12884/C	0.0700000	0.0700000	0.0000000
506	DB POWER	WR	WBSEDCL	ER	PXIL	12856	0.2000000	0.2000000	0.0000000
507	DB POWER	WR	WBSEDCL	ER	PXIL	12861/C	0.1350000	0.1350000	0.0000000
508	DBPL	WR	BSPHCL	ER	IEXL	12836/C	5.5300000	1.4800000	4.0500000
509	ESSAR POWER MP LTD	WR	WBSEDCL	ER	PXIL	12882/C	0.1900000	0.1900000	0.0000000
510	GMR WARORA	WR	WBSEDCL	ER	PXIL	12838/C	0.2250000	0.2250000	0.0000000
511	GMRWEL	WR	WBSEDCL	ER	PXIL	12898/C	0.3000000	0.3000000	0.0000000
512	GUJRAT	WR	GRIDCO	ER	SECI	LTOA(Solar)	5.6877950	0.1009075	5.5868875
513	JNSTPP	WR	BSPHCL	ER	PTC India Limited	12701 A	37.2000000	31.0000000	6.2000000
514	JNSTPP	WR		NVVN BANGALADESH		MTOA	13.5904000	6.8245200	6.7658800
515	JPL	WR	BSPHCL	ER	PTC India Limited	12702 A	9.3000000	7.7500000	1.5500000
516	MP	WR	BSPHCL	ER	SECI	LTOA(Solar)	1.7296175	0.0026675	1.7269500
517	MPPMCL	WR	WBSEDCL	ER	IEX	12868/C	0.2250000	0.2250000	0.0000000
518	NSPCL	WR	SAIL RSP/GRIDCO	ER	SAIL RSP	12822 F	10.0440000	2.5110000	7.5330000