



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

11/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Nov/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.405	1194.910	1) Madhya Pradesh	58.090	628.064
2) Hydro	4.132	47.746	2) Gujrat	19.783	171.498
3) Gas	14.992	169.576	3) Goa	-6.637	-64.265
Total MSGENCO	125.529	1412.232	4) TAPS 1&2 (Inj.)	3.973	43.409
B) OTHERS			5) Pench (Excess)	-0.613	-4.346
1) RGPPL Gas	37.121	393.244	# Total Cent. Sector	74.596	774.360
2) Wind Generation	2.019	72.391	F) Other Exchanges		
3) CPP / IPP	9.719	85.925	1) With TPCL (Excess)	-11.504	-112.352
4) PENCH (MS)	0.613	4.346	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.629	63.601
1) TPCL Thermal	26.705	289.833	Include PX	0.000	0.000
2) TPCL Hydro	3.543	34.279	2) MUMBAI Bilateral	12.330	123.882
TOTAL TPCL	30.248	324.112	Include PX	4.188	50.092
3) REL Thermal	12.644	124.962	3) MUMBAI Schedule	12.330	123.882
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	145.754	1609.705	1) MSEDCL	238.093	2630.146
2) Hydro (A2+B3+C2)	8.288	86.371	2) TPCL	36.410	373.415
3) Gas (A3+B1)	52.113	562.820	3) REL	17.984	188.001
4) Wind (B2)	2.019	72.391	TOTAL STATE	292.487	3191.562
5) CPP (B3)	9.719	85.925			
TOTAL STATE	217.893	2417.212			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4523	4274	4408
MSGENCO Hydro	281	778	63
MSGENCO Gas	650	646	500
MSGENCO Total Generation	5454	5698	4971
Central Sector Receipt	3318	3564	2354
RGPPL	1528	1544	1556
WIND	31	86	21
CPP / IPP	389	385	424
Exchange with TPCL	-604	-586	-237
MSEDCL DEMAND MET	10140	10712	9142
Load Shedding	2375	3274	623
MSEDCL DEMAND (INCL. LS)	12515	13986	9765
TPCL GENERATION	1643	1579	913
REL GENERATION	526	523	528
TPCL+REL DEMAND	2773	2688	1678
STATE DEMAND MET	12913	13400	10820
STATE DEMAND (INCL. LS)	15288	16674	11443
Frequency (Hz)	49.84	49.90	49.89
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3833 MW At 19.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			47.83 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.45 Hz at 14.03 Hrs	49.47 Hz at 06.29 Hrs	49.89	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 11/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.07	16.90	63	25	45
Unit 2	0.79	17.00	58	0	0
Unit 3	1.04	11.98	60	24	45
Unit 4	0.00	0.75	0	0	0
Unit 5	3.14	36.70	151	100	150
Unit 6	3.00	37.98	138	102	130
Unit 7	3.20	12.41	145	120	140
	12.25	133.73			510
Bhusawal					
Unit 1	0.00	5.82	0	0	0
Unit 2	0.00	24.66	0	0	0
Unit 3	3.80	43.17	175	130	160
	3.80	73.65			160
Parli					
Unit 1	0.55	4.74	24	21	19
Unit 2	0.51	5.49	22	15	19
Unit 3	3.37	38.80	163	109	152
Unit 4	3.90	40.82	175	129	170
Unit 5	3.20	34.51	140	112	140
Unit 6	4.04	41.12	218	130	150
Unit 7	4.21	44.33	245	122	180
	19.78	209.82			830
Chandrapur					
Unit 1	3.68	38.66	170	129	175
Unit 2	3.81	36.96	168	150	160
Unit 3	0.02	28.78	15	0	0
Unit 4	4.04	41.09	188	144	180
Unit 5	8.42	94.48	430	260	425
Unit 6	8.35	81.33	445	260	400
Unit 7	8.74	95.40	440	237	420
	37.06	416.70			1760
Paras					
Unit 2	0.52	5.62	39	15	20
Unit 3	0.02	19.79	25	0	0
Unit 4	5.88	50.30	257	210	225
	6.42	75.72			245
Khaparkheda					
Unit 1	4.78	50.05	210	185	210
Unit 2	0.00	17.39	0	0	0
Unit 3	4.66	46.60	200	182	190
Unit 4	4.08	44.35	177	152	170
	13.52	158.39			570
Nasik					
Unit 1	2.10	21.54	94	73	90
Unit 2	2.14	10.92	98	79	100
Unit 3	4.78	48.93	210	180	200
Unit 4	0.00	0.00	0	0	0
Unit 5	4.55	45.51	205	179	190
	13.58	126.90			580
Koyna					
Stage 1-2	1.53	18.04	180	35	600
Stage 4	0.25	1.81	164	0	250
Stage 3	0.53	5.12	210	0	320
	2.31	24.97			1170
Kovna 12&4 Total	1.78	19.85			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		14.99	169.58	670	460	630
		14.99	169.58			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.35	4.86	60	0	60
BHTGR/VEER		0.02	0.30	1	1	1
BHIRA T.R.		0.23	1.98	69	0	80
RNGR+BHTSA		0.38	3.79	16	16	17
BHANDARDRA		0.00	0.03	0	0	0
ELDARY		0.00	0.54	0	0	0
SMLHY PTN		0.22	2.37	16	6	10
GHATGHAR		0.62	8.90	125	0	0
		1.82	22.77			168
PENCH (MS)						
Pench (MS)		0.61	4.35	53	0	
		0.61	4.35			
Wind						
MalharPeth		0.08	2.68			
Vankuswadi		0.19	8.03			
ATIT		0.08	1.27			
Kale		0.09	2.97			
Satara		0.16	9.32			
Shirala		0.09	3.09			
K Mahankal		0.04	4.04			
Supa		0.07	1.46			
Vita		0.33	13.49			
Dondaicha		0.61	12.02			
Sakri		0.08	2.25			
Nandurbar		0.09	1.23			
Khandke		0.07	6.52			
Khaparale		0.05	4.02			
		2.02	72.39			
CPP						
TOTAL CPP		9.72	85.92			
		9.72	85.92			
Dabhol						
RGPPL		37.12	393.24	1562	1528	1560
		37.12	393.24			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.33	121.10	490	400	500
Trombay 6		5.73	60.52	430	150	500
Trombay 7A		2.89	31.62	124	116	120
Trombay 7B		1.60	17.69	68	63	60
Trombay 8		5.15	58.92	252	150	250
TATA Hydro		3.54	34.28	444	0	447
		30.25	324.11			1877
REL						
1&2		12.64	124.96	529	523	500
		12.64	124.96			500
Cent Sect						
Share						3532
						3532
MS PG CL	Thermal	106.40	1194.91			4655
	Thml+Gas	121.40	1364.49			5285
	Hydro	4.13	47.75			1338
	Total	125.53	1412.23			6623
State Total		217.89	2417.21			14092

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Nov/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	4422	63	483	4968	1551	18	425	2618	2334	-434	-377	8945	1151	10096	1851	11947	49.83
2	4439	63	488	4990	1556	19	424	2565	2219	-365	-304	8941	1011	9952	1773	11725	49.93
3	4408	63	500	4971	1556	21	424	2496	2354	-296	-237	9142	623	9765	1678	11443	49.89
4	4385	63	460	4908	1557	20	423	2453	2750	-249	-200	9510	316	9826	1622	11448	49.91
5	4453	63	670	5186	1557	18	422	2542	2778	-225	-171	9815	895	10710	1593	12303	49.90
6	4480	78	668	5226	1554	21	425	2733	2791	-225	-169	9873	1139	11012	1630	12642	49.77
7	4668	63	668	5399	1553	44	421	2954	2340	-263	-259	9523	1688	11211	1726	12937	49.80
8	4687	63	667	5417	1555	53	424	3001	2491	-308	-303	9690	1681	11371	1838	13209	49.87
9	4592	80	665	5337	1546	51	427	3054	3162	-353	-353	10218	1634	11852	2128	13980	49.84
10	4616	128	658	5402	1539	47	423	3290	3221	-451	-453	10201	1777	11978	2494	14472	50.01
11	4551	138	654	5343	1531	32	405	3488	3462	-616	-590	10207	2009	12216	2718	14934	49.38
12	4523	281	650	5454	1528	31	389	3536	3318	-664	-604	10140	2375	12515	2773	15288	49.84
13	4498	124	648	5270	1530	23	381	3580	3622	-693	-657	10190	2301	12491	2759	15250	49.82
14	4494	58	649	5201	1533	30	382	3577	3924	-687	-666	10425	2194	12619	2655	15274	49.93
15	4455	88	647	5190	1535	31	382	3537	3710	-697	-663	10185	2308	12493	2690	15183	49.96
16	4511	158	643	5312	1534	56	380	3381	3676	-693	-656	10302	2271	12573	2696	15269	49.89
17	4484	63	647	5194	1541	254	379	3347	3272	-659	-632	10008	2665	12673	2666	15339	49.98
18	4263	177	650	5090	1543	165	384	3359	3494	-622	-590	10109	2759	12868	2594	15462	49.92
19	4274	778	646	5698	1544	86	385	3304	3564	-622	-586	10712	3274	13986	2688	16674	49.90
20	4244	665	641	5550	1548	175	394	3545	3430	-694	-656	10461	3399	13860	2641	16501	49.94
21	4276	366	645	5287	1551	309	361	3523	3498	-671	-641	10385	3027	13412	2509	15921	49.90
22	4251	213	648	5112	1559	224	443	3500	3456	-647	-614	10203	2743	12946	2373	15319	50.03
23	4189	228	648	5065	1558	132	407	3077	3126	-660	-625	9688	2382	12070	2215	14285	50.00
24	4241	68	649	4958	1562	159	409	2784	2604	-539	-498	9219	2231	11450	2086	13536	50.09
MUs	106.4 0	4.13	14.99	125.53	37.12	2.02	9.72	75.24	74.60	-12.33	-11.50	238.09	47.85	285.94	54.40	340.34	49.89

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 11/Nov/2010

Position as on 6.30 Hrs of 12/Nov/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	16/11/2010
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel refuelling.	12/11/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/11/2010
Khaparkheda Unit 2	210	04/11/2010	22.23		Continued.	Boiler Tube Leakage.	13/11/2010
Paras Unit 3	250	07/11/2010	06.27	11/11/2010	23.20	Low Drum Level.	
Chandrapur Unit 3	210	09/11/2010	03.24	11/11/2010	20.36	Air heater tripped.	
Bhusawal Unit 2	210	09/11/2010	05.05		Continued.	Boiler Tube Leakage.	13/11/2010
Bhusawal Unit 1	58	09/11/2010	06.35		Continued.	Boiler Tube Leakage	12/11/2010
Koradi Unit 4	115	10/11/2010	23.04		Continued.	Over Speed.	13/11/2010
Uran Unit 7	108	11/11/2010	00.35	11/11/2010	02.23	Tripped on boiler protection.	
Koradi Unit 2	105	11/11/2010	06.01	11/11/2010	10.36	Boiler temp.problem.	
Cent_Sect NTPC(V-6)	210	11/11/2010	17.22		Continued.	Boiler Tube Leakage.	14/11/2010
Chandrapur Unit 3	210	11/11/2010	21.33	11/11/2010	23.59	UAT Changover.	
Uran Unit 8	108	12/11/2010	01.42		Continued.	Tripped.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2010

Position as on 6.30 Hrs of 12/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	11/11/2010	10.35	11/11/2010	19.21	Maintenance Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	10/11/2010	08.35		Continued.	Bus section-II outage at Tarapur(Up to 15.11.2010.)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	08/10/2010	17.55		Continued.	Normal Changeover.
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Kolhapur-Mapusa-II	01/11/2010	22.45	11/11/2010	10.31	Over Voltage.
Dhule - S'Sarovar- II	09/11/2010	23:04	11/11/2010	08.43	Over Voltage.
Dhule-S'Sarovar I	10/11/2010	23.22		Continued.	Over Voltage.
Kolhapur - Mapusa - I	11/11/2010	22.30		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	11/11/2010	23.19		Continued.	Over Voltage.
Seoni - Wardha	11/11/2010	23.43		Continued.	Over Voltage.
Akola - Wardha - I	11/11/2010	23.47		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Boisar (PGCIL)	21/10/2010	13.24		Continued.	Hand Tripped at padgha end (To Transfer Load to PGCIL)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrpur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
Karad-Lamboti	10/11/2010	06.38		Continued.	LILO work of 400KV Karad-Lamboti at 400KV south Solapur(PG)
400/220 KV 315 MVA ICT-II @ Lonikand	11/11/2010	08.35	11/11/2010	17.51	Replacement of L V Side Y & B Ph C T's.
Main Bus - I @ Kalwa	11/11/2010	08.59	11/11/2010	21.14	Connecting New ICT-II Bus to Main Bus-I @ Kalwa by Jumpering.
400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II	11/11/2010	13.55	11/11/2010	17.35	Replacement of Buchholz Relay.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT-IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.(Expected on 30.10.2010)
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
Tifil-Trombay	08/10/2010	10.18		Continued.	Erection & Stringing of M/C Towers (Loc.22-40) & Dismantling of Old Towers upto 6.11.2010.
220/132KV 100MVA ICT-II @ Chalisgaon	08/11/2010	11.10		Continued.	Commissioning of new 200MVA ICT by replacing 100MVA ICT.
220/132 KV 150 MVA ICT - I @ NSK.	10/11/2010	09.40		Continued.	Augmentation of existing 150 MVA ICT by new 200MVA ICT (Up to 09.12.2012)
220/132KV 150MVA ICT @ Boisor	11/11/2010	07.10	11/11/2010	10.14	C Bus Isolator Maintenance.
Bus coupler @ Bableshtar	11/11/2010	08.15		Continued.	Replacement of Breaker.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2010

Position as on 6.30 Hrs of 12/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kandalgaon - Pirangut	11/11/2010	09.26	11/11/2010	18.28	Replacement of Earthwire.
Mudshini - Talangade - II	11/11/2010	09.30	11/11/2010	14.44	Q.M.Work.
220/132KV 150 MVA ICT @ Ambazari.	11/11/2010	09.32	11/11/2010	14.37	Q.M. & Attending Oil Leakages.
Abhijeet-Wardha Ckt.	11/11/2010	10.09	11/11/2010	20.00	Replacement of CVT'S by P T.
Butibori-Abhijeet ckt.	11/11/2010	10.13	11/11/2010	19.51	Replacement of CVT'S by P T.
220/132KV,200MVA ICT-III At Nanded.	11/11/2010	10.50	11/11/2010	14.55	ICT Painting Work.
Nagothane-IPCL	11/11/2010	15.28	12/11/2010	01.00	Relay Retrofitting Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	11/11/2010	00.25	11/11/2010	07.55	Over Voltage.
Lonikand- Koyna Stage IV	11/11/2010	23.16		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Tata Borivali 4	19/10/2010	16.41		Continued.	To control ICT Kalwa loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchholz..
400/220 KV 600 MVA ICT-I @ Kalwa	19/10/2010	16.15		Continued.	Fire in 200 MVA ICT.
Karad - Kolhapur - I	06/11/2010	00.11		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100KV 200MVA T/F-II @APTA	15/08/2010	21.10		Continued.	Diff.Prot.CTR system operated.
Kandalgaon - Dasturi	10/11/2010	12.03	11/11/2010	13.35	Distance protection.
Khaparkheda - Kanhan - I	11/11/2010	08.03	11/11/2010	15.03	At Loc.No.131 B Ph Faulty Disc Insulator String Replaced.
Ghatghar-Jindal	11/11/2010	19.46	11/11/2010	20.24	Distance Protection.
Badnera-Akola Ckt.I	11/11/2010	20.01	11/11/2010	20.20	Distance Protection R Ph.
Aurangabad - Bhenda	11/11/2010	23.00	11/11/2010	23.57	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Butibori MIDC-Khapri Cky.	08/11/2010	10.10		Continued.	Dist.Prot.Y Ph.and B Ph.B/D decleared.
Giravali-Gangakhed	11/11/2010	13.54		Continued.	Dist.Prot.R Ph Z-I@ Loc 49 Disc Insulator Broken,B/Dn Decleared,Work in Progress.
Voltage Level : 100KV			Outage Type TRIPPED		
Chinchwad - Talegaon	11/11/2010	23.56	12/11/2010	00.05	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	
Unit 6	210	
Unit 7	210	
	1040	
Bhusawal		
Unit 1	58	
Unit 2	210	
Unit 3	210	
	478	
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	
Unit 4	210	
Unit 5	210	
Unit 6	250	
Unit 7	250	
	1190	
Chandrapur		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
Unit 5	500	
Unit 6	500	
Unit 7	500	
	2340	
Paras		
Unit 2	55	
Unit 3	250	
Unit 4	250	
	555	
Khaparkheda		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
	840	
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	
Unit 4	210	
Unit 5	210	
	870	
Koyna		
Stage 1-2	600	
Stage 4	1000	
Stage 3	320	
	1920	
Uran		
All Units	852	

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	
Hydro		
KDPH	40	
VTRNA	60	
TILLARI	60	
BHTGR/VEER	21	
BHIRA T.R.	80	
RNGR+BHTSA	20	
BHANDARDRA	45	
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	611	
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPPL	960	
	960	
Tata		
Trombay 4	150	
Trombay 5	500	
Trombay 6	500	
Trombay 7A	120	
Trombay 7B	60	
Trombay 8	250	
TATA Hydro	444	
	2024	
REL		
1&2	500	
	500	
Cent Sect		
Share	3143	
	3143	