



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Jan/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Jan/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.653	2029.004	1) Gujrat	6.890	77.054
2) Hydro	13.794	175.289	2) Madhya Pradesh	14.468	374.369
3) Gas	12.004	255.481	3) Chattisgarh	12.300	225.100
Total MSGENCO	147.451	2459.774	4) Maharashtra	53.865	879.673
B) OTHERS			5) Goa	-5.217	-99.512
1) JSW JAIGAD	15.197	419.085	6) TAPS 1&2 Injection	7.792	140.359
2) WPCL	7.143	142.476	7) RGPPL Injection	25.247	451.562
3) Other CPP / IPP	6.369	116.809	8) Pench (Excess)	-0.074	-5.910
4) Wind Generation	7.058	66.387	# Total Cent. Sector	115.271	2042.695
5) PENCH (MS)	0.444	8.193	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.765	-93.288
1) TPCL Thermal	20.221	401.916	G) Bilateral Power *		
2) TPCL Hydro	5.621	66.597	1) MSEDCL Bilateral	29.801	723.214
TOTAL TPCL	25.842	468.513	Include PX	1.814	52.556
3) REL Thermal	6.342	214.193	2) MUMBAI Bilateral	8.491	137.981
D) STATE			Include PX	-3.449	-63.430
1) Thermal (A1+C1+C3)	148.216	2645.113	3) MUMBAI Schedule	12.336	143.163
2) Hydro (A2+B5+C2)	19.859	250.079	H) ENERGY CATERED (MUs)		
3) Gas (A3)	12.004	255.481	1) MSEDCL	287.168	5162.131
4) Wind (B4)	7.058	66.387	2) TPCL	30.063	521.656
5) CPP (B1+B2+B3)	28.709	678.370	3) REL	13.885	254.372
TOTAL STATE	215.846	3895.430	TOTAL STATE	331.116	5938.159

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5063	4942	5228
MSGENCO Hydro	1062	611	253
MSGENCO Gas	498	498	508
MSGENCO Total Generation	6623	6051	5989
Central Sector Receipt	5595	5503	3887
WIND	248	314	321
CPP / IPP	1125	1358	1154
Exchange with Mumbai	-712	-693	-270
MSEDCL DEMAND MET	12904	12583	11081
Load Shedding (LS)	1960	792	26
MSEDCL DEMAND (INCL. LS)	14864	13375	11107
TPCL GENERATION	1343	1308	609
REL GENERATION	264	264	264
TPCL+REL DEMAND	2319	2265	1143
STATE DEMAND MET	15223	14848	12224
Load Management (LM)	2288	3634	1593
Total Load Relief (LS+LM)	4248	4426	1619
UNRESTRICTED STATE DEMAND	19471	19274	13843
Frequency (Hz)	49.67	49.69	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 17:30 Hrs	49.09 Hz at 19:08 Hrs	49.76	.42 % 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 18/Jan/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	22.49	0	0	0
Unit 6	0.00	30.65	0	0	0
Unit 7	3.30	72.77	145	130	150
Total	3.30	125.91			150
Bhusawal					
Unit 2	4.12	56.26	180	125	180
Unit 3	4.21	77.36	190	160	180
Unit 4	0.00	0.00	0	0	0
Total	8.34	133.62			360
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.15	76.65	180	152	175
Unit 5	3.44	46.81	155	129	150
Unit 6	4.08	80.79	195	143	155
Unit 7	3.60	78.16	199	63	180
Total	15.27	282.40			660
Chandrapur					
Unit 1	3.75	65.86	160	151	150
Unit 2	3.78	66.59	165	149	150
Unit 3	3.73	68.27	174	133	160
Unit 4	4.97	91.02	210	205	210
Unit 5	10.96	107.21	490	380	450
Unit 6	10.48	183.13	455	397	425
Unit 7	11.08	169.54	487	430	475
Total	48.73	751.62			2020
Paras					
Unit 3	5.08	97.83	228	175	230
Unit 4	5.06	94.83	235	179	230
Total	10.14	192.67			460
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.47	79.84	195	180	200
Unit 3	5.22	83.79	225	200	210
Unit 4	5.02	90.40	220	193	210
Unit 5	6.34	60.06	463	0	0
Total	21.05	314.08			620
Nasik					
Unit 3	5.26	90.08	220	215	210
Unit 4	4.77	87.40	214	140	210
Unit 5	4.79	51.21	208	190	200
Total	14.83	228.70			620
Uran					
All Units	12.00	255.48	509	490	500
Total	12.00	255.48			500
PENCH (MS)					
Pench (MS)	0.44	8.19	50	0	0
Total	0.44	8.19			0
Koyna					
Stage 1-2	3.26	40.42	525	40	600
Stage 4	2.16	13.42	280	0	250
Stage 3	1.12	12.65	160	0	320
Total	6.54	66.49			1170
Kovna 12&4 Total	5.42	53.84			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.70	9.31	39	20	36
VTRNA	1.16	17.26	61	0	60
TILLARI	0.41	7.29	60	0	60
BHTGR/VEER	0.49	8.49	21	20	20
BHIRA T.R.	0.31	3.32	82	0	80
RNGR+BHTSA	0.36	6.54	15	14	15
BHANDARDRA	0.74	1.70	31	30	25
ELDARY	0.00	1.53	0	0	0
SMLHY PTN	0.94	19.27	47	36	11
GHATGHAR	2.15	34.09	240	0	0
Total	7.26	108.80			307
Wind					
MalharPeth	0.21	2.68			
Vankuswadi	0.29	4.41			
ATIT	0.05	0.69			
Kale	0.15	1.66			
Satara	1.39	9.03			
Shirala	0.11	1.73			
K Mahankal	0.03	3.82			
Supa	0.13	1.61			
Vita	0.97	9.58			
Dondaicha	2.50	19.72			
Sakri	0.36	2.88			
Nandurbar	0.24	1.81			
Khandke	0.38	3.72			
Khaparale	0.24	3.04			
Total	7.06	66.39			
CPP					
JSW JAIGAD	15.20	419.08	751	477	825
WARDHA	7.14	142.48	322	260	320
Other CPPs	6.37	116.81			
Total	28.71	678.37			1145
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	97.29	0	0	0
Trombay 6	10.30	125.22	502	189	500
Trombay 7A	2.46	51.02	130	68	120
Trombay 7B	1.47	28.68	70	51	60
Trombay 8	5.99	99.70	251	248	250
TATA Hydro	5.62	66.60	448	0	447
Total	25.84	468.51			1377
REL					
1&2	6.34	214.19	265	264	250
Total	6.34	214.19			250
Cent Sect					
Share					5240
Total					5240

MS PG CL	Thermal	121.65	2029.00			4890
	Thml+Gas	133.66	2284.48			5390
	Hydro	13.79	175.29			1477
	Total	147.45	2459.77			6867
State Total		215.85	3895.43			14879

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Jan/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	5148	242	501	5891	367	1128	4421	4216	-232	-449	11153	1893	11153	1339	14385	49.87
2	5254	243	508	6005	332	1155	4377	3813	-174	-310	10995	1869	11014	1213	14077	49.98
3	5228	253	508	5989	321	1154	4395	3887	-146	-270	11081	1619	11107	1143	13843	49.90
4	5206	193	508	5907	295	1150	4359	3925	-130	-213	11064	1724	11092	1110	13898	49.93
5	5287	188	507	5982	313	1181	4351	4210	-131	-134	11552	1856	11658	1137	14545	49.91
6	5226	183	509	5918	168	1254	4513	4625	-163	-147	11828	2338	12271	1272	15438	49.80
7	5280	347	508	6135	185	1278	4533	4464	-274	-284	11805	3453	13157	1486	16744	49.65
8	5320	853	508	6681	178	1051	4674	4869	-354	-411	12395	4002	13973	1678	18075	49.62
9	5273	1314	498	7085	135	1043	4735	4819	-427	-502	12605	4012	14245	1922	18539	49.64
10	5186	1319	498	7003	128	1080	5032	5006	-625	-625	12617	4360	14622	2155	19132	49.64
11	5075	973	498	6546	207	1125	5386	5328	-779	-717	12514	4342	14582	2303	19159	49.70
12	5063	1062	498	6623	248	1125	5431	5595	-829	-712	12904	4248	14864	2319	19471	49.67
13	4749	955	498	6202	302	1130	5407	5667	-813	-709	12592	4313	14617	2275	19180	49.73
14	4699	873	498	6070	324	1128	5353	5764	-754	-649	12637	4002	14399	2141	18780	49.75
15	4663	1048	495	6206	404	1158	5296	5549	-736	-670	12647	3626	14192	2172	18445	49.72
16	4842	986	497	6325	450	1256	5206	5081	-747	-638	12483	3682	14207	2157	18322	49.75
17	4931	414	496	5841	454	1314	4923	4869	-752	-659	11856	4122	13651	2157	18135	49.69
18	4896	270	496	5662	351	1325	4857	4742	-688	-586	11544	4089	12780	2154	17787	49.83
19	4860	465	497	5822	318	1366	5053	5510	-766	-667	12399	4463	13285	2221	19083	49.70
20	4942	611	498	6051	314	1358	5216	5503	-793	-693	12583	4426	13375	2265	19274	49.69
21	5057	298	499	5854	264	1294	5107	5006	-677	-559	11909	4218	12492	2127	18254	49.65
22	5065	247	498	5810	402	1222	4911	4603	-519	-432	11636	4078	12079	1951	17665	49.76
23	5161	226	490	5877	296	1219	4696	4155	-471	-368	11182	3701	11589	1745	16628	49.73
24	5242	231	493	5966	302	1215	4499	4065	-355	-361	11187	3000	11519	1507	15694	49.94
MUs	121.65	13.79	12.00	147.45	7.06	28.71	116.73	115.27	-12.34	-11.76	287.17	83.44	311.92	43.95	414.55	49.76

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 18/Jan/2012

Position as on 6.30 Hrs of 19/Jan/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	12/11/2011	21.25		Continued.	Annual Overhaul.	22/01/2012
Cent_Sect NTPC(K-1)	210	20/12/2011	13.44		Continued.	Annual Overhaul.	19/01/2012
Cent_Sect NTPC (K-2)	210	20/12/2011	13.45	19/01/2012	04.02	Annual Overhaul.	
Khaparkheda Unit 1	210	31/12/2011	02.37		Continued.	Annual Overhaul	10/02/2012
Koyna ST - IV 3	250	07/01/2012	15.45		Continued.	Spherical Oil Tank Level Increased.	22/01/2012
Tata Trombay 5	500	11/01/2012	00.19		Continued.	Annual overhaul.	14/02/2012
Koyna Unit 10	80	19/01/2012	00.01		Continued.	Water Leakage through Lever	29/01/2012
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	29/02/2012
Dabhol 3B	230	12/12/2011	23.46		Continued.	Gas shortage.	
Dabhol 3A	230	13/12/2011	16.09		Continued.	Gas Shortage	
Dabhol 3X	290	13/12/2011	16.09		Continued.	Gas Shortage	
Cent_Sect NTPC(K-3)	210	28/12/2011	14.00		Continued.	CW Pump Problem	
Koradi Unit 5	200	11/01/2012	00.12		Continued.	W/Dn,by Mahagenco.	
Koradi Unit 6	210	11/01/2012	00.20		Continued.	W/Dn,by Mahagenco.	
CPP WPCL U-3	135	17/01/2012	01.06		Continued.	Filter replacement	20/01/2012
REL 2	250	17/01/2012	17.00		Continued.	Boiler Tube Leakage.	20/01/2012
CPP JSW (J) U2	300	17/01/2012	22.27		Continued.	Turbine lube oil system problem.	
CPP JSW (J) U3	300	18/01/2012	07.00	18/01/2012	15.25	Generator Protection Operated	
Khaparkheda Unit 5	500	18/01/2012	12.09	18/01/2012	14.47	Compressor Problem	
Khaparkheda Unit 5	500	18/01/2012	17.23	18/01/2012	19.19	Drum Level High	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2012

Position as on 6.30 Hrs of 19/Jan/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur	29/12/2011	07:54		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II
Tillari-Amona-II	18/01/2012	09.15	18/01/2012	13.35	Breaker Problem at Amona
Mudshungi - Chikodi	18/01/2012	10.15		Continued.	Replacement of Aux.Bus side Isolator
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parly(PG) - Wardha (PG) - I	11/01/2012	18.16		Continued.	Over Voltage.
Parli (PG)-Bhadravati I	11/01/2012	21.56		Continued.	Over Voltage.
Parly(PG)- Solapur(PG) - I	13/01/2012	21.42		Continued.	Over Voltage.
Akola - Wardha - I	16/01/2012	21.13		Continued.	Over Voltage.
Kolhapur - Mapusa - II	16/01/2012	21.18	18/01/2012	10.24	Over Voltage.
Dhule-Sar'Sarovar - I	17/01/2012	13.36	19/01/2012	05.45	Over Voltage.
Kolhapur - Mapusa - I	18/01/2012	16.49		Continued.	Over Voltage
Akola - Aurangabad - I	18/01/2012	22.22	19/01/2012	05.46	Over Voltage
Dhule-Sar'Sarovar - II	19/01/2012	01.33		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220KV,200MVA Spare ICT at Kalwa.	15/12/2011	14.59		Continued.	For Replacement of Y Ph. C T of ICT-I by 400KV C T of Spare ICT.up to 18.01.2012
400/220 KV 300 MVA ICT-I @ Koradi	17/01/2012	10.45	18/01/2012	18.17	BCU SCADA Work.
Auxillary Bus at Dhule	17/01/2012	14.10	18/01/2012	15.15	For stringing of extension of 400KV Aux.transfer bus under AUG of new 500 MVA ICT.
400/220 KV 315 MVA ICT-III @ Lonikand.	18/01/2012	09.58	18/01/2012	17.30	Replacement of B Phase LA
400/220 KV 315 MVA ICT-II @ Nagothane.	18/01/2012	10.14	18/01/2012	23.49	Testing work
Parli - Lamboti	18/01/2012	10.44	18/01/2012	18.44	Providing and Fixing patta clamp at Tension location
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT-I @ Girawali	24/11/2011	10.46		Continued.	Augmentation of ICT BY 200 MVA ICT.
Kalwa-Trombay	30/11/2011	09.20		Continued.	Replacement of Breaker (Taken on TBC upto 25.01.2012.
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA (Up to 29/2/12)
Boiser - Borivali	29/12/2011	08.40		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II
Chandrapur-Wani	15/01/2012	08.02		Continued.	Dismantling of Existing Towers No.33 & 44 of 220KV Chandrapur-Warora,Erection of Tower @ Loc No.25,26,Stringing Bet.Existing Tower No.45 to New Loc No.25,26.
Chandrapur-Warora	15/01/2012	08.12		Continued.	Dismantling of Existing Towers No.33

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2012

Position as on 6.30 Hrs of 19/Jan/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					& 44 of 220KV Chandrapur-Warora,Erection of Tower @ Loc No.25,26,Stringing Bet.Existing Tower No.45 to New Loc No.25,26.
220/100KV 200 MVA ICT III at Borivali	16/01/2012	02.40		Continued.	Taken on TBC.
Chandrapur - Rly TSS - I	17/01/2012	09.42		Continued.	Maintenance of B ph. pole(Ckt.will be charged through TBC.)
Bhusawal-Chalisgaon-I	18/01/2012	09.25	18/01/2012	18.57	Alignment of Isolator and Tan Delta measurement
Main Bus @ Bale	18/01/2012	09.27	18/01/2012	16.46	Q.M.Work
Karad - Vita - I	18/01/2012	09.31	18/01/2012	21.59	R.M.Work
ONGC-JNPT	18/01/2012	11.30	18/01/2012	19.30	R.M.Work
Vita-Maisal	18/01/2012	11.45	18/01/2012	17.43	Replacement of Disc Insulator
P'pur-Malinagar	18/01/2012	12.30	18/01/2012	17.40	Replacement of Disc Insulator
Voltage Level : 132KV					Outage Type PLANNED OUTAGE
Amravati - Achalpur	16/01/2012	10.10		Continued.	Main bkr.maint.work.
Paras - Akot	18/01/2012	13.40	18/01/2012	17.00	To attend Hot Spot
Voltage Level : 100KV					Outage Type PLANNED OUTAGE
Chinchwad - Talegaon	25/11/2011	11.29		Continued.	Line Strengthening.
Voltage Level : 400KV					Outage Type HAND TRIPPED
400/220KV,500MVA ICT-II at Khaparkheda.	20/11/2011	08.02		Continued.	Due to low nitrogen pressure fire alarm received.
400/220KV 500MVA ICT-III at Dhule	07/01/2012	20.04		Continued.	Due to MCCB of Diff. Relay Burnt.
Bhusawal- Aurangabad	17/01/2012	16.41	18/01/2012	10.44	Over Voltage.
Karad - Kolhapur - I	17/01/2012	21.17	18/01/2012	09.55	Over Voltage.
Karad-Kolhapur-II	18/01/2012	16.40		Continued.	Over Voltage
Bhusawal- Aurangabad	18/01/2012	18.10		Continued.	Over Voltage
Bus Coupler at Bhuswal	18/01/2012	19.27	18/01/2012	19.53	To attend Sparking on Isolator
Voltage Level : 220KV					Outage Type HAND TRIPPED
Chandrapur - Warora	24/12/2011	17.58		Continued.	To control Wardha-Warora,Hinganghat -Warora.L/L.
Abhijeet-Wardha-I	17/01/2012	16.37	18/01/2012	20.28	To control Koradi ICT Load
Abhijeet - Wardha ckt - II	18/01/2012	16.37	18/01/2012	20.28	To control Koradi ICT Load
Voltage Level : 400KV					Outage Type TRIPPED
Kalwa - Lonikand	18/01/2012	02.23		Continued.	Over Voltage.
Voltage Level : 220KV					Outage Type TRIPPED
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
Pedambe-Mahad	18/01/2012	07.25	18/01/2012	15.38	Distance Protection
Deepnagar - Bambhori	18/01/2012	13.38	18/01/2012	14.02	HV Backup Protection Operated
Voltage Level : 132KV					Outage Type TRIPPED
Khadka-Deepnagar-II	18/01/2012	19.24	18/01/2012	20.32	Tripped while Bus Bar prot.testing work
Malegaon-Washim	18/01/2012	21.23	18/01/2012	21.33	Tripped on Backup O/C E/F

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Jan/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	130
	620	130
Bhusawal		
Unit 2	210	180
Unit 3	210	180
Unit 4	500	
	920	360
Parli		
Unit 3	210	0
Unit 4	210	165
Unit 5	210	155
Unit 6	250	190
Unit 7	250	175
	1130	685
Chandrapur		
Unit 1	210	160
Unit 2	210	155
Unit 3	210	160
Unit 4	210	210
Unit 5	500	480
Unit 6	500	450
Unit 7	500	460
	2340	2075
Paras		
Unit 3	250	230
Unit 4	250	210
	500	440
Khaparkheda		
Unit 1	210	0
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	620
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	210
	630	630
Uran		
All Units	852	500
	852	500
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	18
VTRNA	60	61
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	20
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	295
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		
JSW JAIGAD	600	770
WARDHA	405	330
Other CPPs	0	
	1005	1100
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3455	5291
	3455	5291