

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/May/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.606	1613.783	1) Gujrat	-4.249	-29.167
2) Hydro	10.027	116.910	2) Madhya Pradesh	14.318	177.476
3) Gas	10.528	136.881	3) Chattisgarh	7.860	89.210
Total MSPGCL	148.161	1867.574	4) Maharashtra Net	103.684	1231.684
B) 1) APML	41.653	563.486	5) Goa (Amona)	-1.016	-6.510
2) JSWEL	27.922	351.300	6) TAPS 1&2 Injection	2.231	15.559
3) VIPL	13.837	161.278	7) RGPPL Injection	11.720	149.658
4) RPL(AMT)	0.408	188.033	8) Pench (MS)	0.000	0.521
5) WPCL	2.834	38.544	9) Pench (Excess)	0.000	-0.521
6) Other IPP	4.800	69.754	Total	134.548	1627.389
C) 1) TPCL Thermal	17.608	195.287	a) Mumbai Schedule	27.489	319.517
2) TPCL Hydro	2.941	35.744	b) Mumbai Drawl	30.973	394.452
3) TPCL Gas	3.894	52.915	c) MSEDCL Bilateral *	31.845	406.696
4) R-INFRA Thermal	11.813	141.865	Include PX	-0.905	-4.672
D) STATE			d) Mumbai Bilateral *	27.489	319.517
1) Thermal	248.481	3323.330	Include PX	2.297	30.189
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.968	152.654	H) ENERGY CATERED (MUs)		
3) Gas	14.422	189.796	1) MSEDCL	357.763	4661.840
4) Wind	13.286	171.464	2) Mumbai Discoms	67.229	820.231
6) SOLAR	1.287	17.470	TOTAL STATE	424.992	5482.071
TOTAL STATE	290.444	3854.714			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5480	5363	5411	5300
MSPGCL Hydro	806	565	532	97
MSPGCL Gas	433	423	451	455
MSPGCL Total Generation	6719	6351	6394	5852
Central Sector Receipt	5888	5842	5857	5116
WIND	273	576	547	620
CPP / IPP	3853	3849	3842	3906
SOLAR	154	108	0	0
Exchange with Mumbai	-1538	-1526	-1326	-858
MSEDCL DEMAND MET	15349	15200	15314	14636
Load Shedding	0	0	0	0
MSEDCL DEMAND	15349	15200	15314	14636
TPCL GENERATION	1159	1288	1076	866
R-INFRA GENERATION	510	513	513	402
MUMBAI DEMAND	3207	3327	2915	2126
STATE DEMAND MET	18556	18527	18229	16762
STATE DEMAND	18556	18527	18229	16762
Frequency (Hz)	49.95	49.95	49.95	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06:00 Hrs	49.74 Hz at 13:49 Hrs	49.96	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 13/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.15	0.15	76	0
Unit 8	8.06	109.29	361	295
Total	8.21	109.44		
Bhusawal				
Unit 2	2.68	24.96	155	0
Unit 3	3.93	51.06	180	155
Unit 4	11.65	130.18	500	360
Unit 5	11.54	130.57	500	355
Total	29.80	336.76		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.47	57.12	200	170
Unit 4	4.41	55.70	192	160
Unit 5	0.00	111.83	0	0
Unit 6	10.70	133.48	460	370
Unit 7	10.30	103.79	445	370
Total	29.88	461.92		
Paras				
Unit 3	5.69	71.50	258	202
Unit 4	5.73	68.15	260	213
Total	11.42	139.66		
Khaparkheda				
Unit 1	3.68	49.94	170	140
Unit 2	4.02	51.82	175	155
Unit 3	4.62	50.92	203	162
Unit 4	3.69	44.87	210	0
Unit 5	11.80	112.27	505	400
Total	27.80	309.82		
Nasik				
Unit 3	4.39	53.92	200	165
Unit 4	4.41	53.03	195	165
Unit 5	4.33	54.08	195	162
Total	13.14	161.04		
Uran				
All Units	10.53	136.88	457	423
Total	10.53	136.88		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.52	0	0
Total	0.00	0.52		
Koyna				
Stage 1-2	3.22	41.82	400	40
Stage 4	3.55	27.93	1000	0
Stage 3	1.26	15.51	160	0
Total	8.04	85.25		
Hydro				
KDPH	0.39	7.28	23	11
VTRNA	0.00	0.29	0	0
TILLARI	0.29	4.12	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.95	80	0
RNGR+BHTSA	0.30	2.07	13	12
BHANDARDRA	0.08	1.61	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	2.61	11	10
GHATGHAR	0.54	11.73	125	0
Total	1.99	31.66		
Wind				
Total	13.29	171.46	0	0
Total	13.29	171.46		
CPP				
APML(Mus)	41.65	563.49	0	0
JSWEL(Mus)	27.92	351.30	0	0
VIPL(Mus)	13.84	161.28	0	0
RPLAMT(Mus)	0.41	188.03	0	0
WPCL(Mus)	2.83	38.54	0	0
Other(Mus)	4.80	69.75	0	0
Total	91.45	1372.40		
SOLAR				
Total	1.29	17.47	0	0
Total	1.29	17.47		
Tata				
Trombay 5	11.66	120.66	494	459
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.45	33.79	115	93
Trombay 7B	1.45	19.13	65	57
Trombay 8	5.95	74.63	250	245
TATA Hydro	2.94	35.74	409	0
Total	24.44	283.95		
R-INFRA				
1-2	11.81	141.86	516	402
Total	11.81	141.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	127.61	1613.78	MSPGCL Total	148.16	1867.57
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	138.13	1750.66	Koyna 1,2 & 4 Total	6.77	69.75
Koradi 9	7.37	93.23	MSPGCL Hydro	10.03	116.91	State Total	290.44	3854.71
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 13/May/2016

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5326	250	445	6021	525	4177	0	5701	5772	-1266	15229	0	15229	2674	17903	49.94
2	5310	172	435	5917	463	4014	0	5537	5695	-1056	15033	0	15033	2464	17497	49.98
3	5289	103	455	5847	556	3889	0	5411	5287	-903	14676	0	14676	2309	16985	49.97
4	5244	87	446	5777	608	3883	0	5297	5205	-813	14660	0	14660	2195	16855	49.97
5	5300	97	455	5852	620	3906	0	5273	5116	-858	14636	0	14636	2126	16762	49.90
6	5370	96	435	5901	592	3877	0	5276	5496	-887	14979	0	14979	2151	17130	49.98
7	5446	185	457	6088	733	3856	4	5312	5345	-743	15283	0	15283	2136	17419	50.01
8	5493	125	436	6054	464	3868	36	5377	5056	-882	14596	0	14596	2288	16884	50.00
9	5528	167	448	6143	523	3871	81	5576	5425	-1125	14918	0	14918	2545	17463	49.96
10	5525	465	453	6443	348	3858	130	5723	5670	-1306	15143	0	15143	2899	18042	49.96
11	5480	806	433	6719	273	3853	154	5804	5888	-1538	15349	0	15349	3207	18556	49.95
12	5427	672	430	6529	279	3852	167	5944	5815	-1578	15064	0	15064	3294	18358	49.97
13	5402	392	423	6217	292	3837	187	5957	5982	-1549	14966	0	14966	3312	18278	49.91
14	5355	279	434	6068	338	3850	155	5892	5828	-1506	14733	0	14733	3215	17948	49.91
15	5311	511	438	6260	414	3860	148	5942	5967	-1463	15186	0	15186	3280	18466	49.91
16	5363	565	423	6351	576	3849	108	5929	5842	-1526	15200	0	15200	3327	18527	49.95
17	5184	175	425	5784	706	3746	63	5769	6001	-1734	14566	0	14566	3283	17849	49.97
18	4586	81	429	5096	1075	3601	21	5444	5651	-1769	13675	0	13675	3147	16822	49.99
19	4800	239	447	5486	886	3666	33	4946	5283	-1594	13760	0	13760	2984	16744	50.00
20	5333	700	429	6462	842	3828	0	5506	5436	-1418	15150	0	15150	2977	18127	49.94
21	5411	532	451	6394	547	3842	0	5640	5857	-1326	15314	0	15314	2915	18229	49.95
22	5462	543	426	6431	614	3697	0	5567	5867	-1307	15302	0	15302	2838	18140	49.98
23	5334	1147	425	6906	507	3496	0	5512	5593	-1410	15092	0	15092	2830	17922	49.88
24	5327	1638	450	7415	505	3277	0	5606	5571	-1416	15352	0	15352	2833	18185	49.97
MUs	127.61	10.03	10.53	148.16	13.29	91.45	1.29	133.94	134.65	-30.97	357.86	0.00	357.86	67.23	425.09	49.96

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/May/2016

Position as on 6.30 Hrs of 14/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55	13/05/2016	19.54	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
MSPGCL	Khaparkheda Unit 4	210	11/05/2016	03.00	13/05/2016	04.12	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/May/2016

Position as on 6.30 Hrs of 14/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	12/05/2016	22.42		Continued.	Air heater problem	
IPP	RPL(AMT) U-2	270	13/05/2016	00.00		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-4	270	13/05/2016	00.32		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-5	270	13/05/2016	01.48		Continued.	Zero Schedule Given By MSEDCL.	
MSPGCL	Bhusawal Unit 2	210	13/05/2016	22.19		Continued.	Drum level high	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2016

Statement-VII

Position as on 6.30 Hrs of 14/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	13/05/2016	17.30	13/05/2016	19.07	PO	Replacement of GI wire.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	12/05/2016	17.41	13/05/2016	09.33	HT	Over Voltage
Padgha Tarapur II	InterState	13/05/2016	09.25	13/05/2016	20.27	PO	String Replacement Work.
Kolhapur Solapur(PG) I	InterState	13/05/2016	15.56	13/05/2016	16.40	PO	Bus Bar Operated at kolhapur.
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	13/05/2016	15.56		Continued.	PO	Flashover at B-Ph Line CT.
Dhule Sar'Sarovar I	InterState	13/05/2016	18.07		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/05/2016	02.17	14/05/2016	06.23	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11	14/05/2016	01.13	HT	Converted as Ektuni-BBLSR CKT-I.
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorientation.
Babhaleshwar-Taptitanda ckt-II	IntraState	07/05/2016	13.09	14/05/2016	01.32	PO	Conductor Stringing Work(5 Days).Converted as Ektuni-BBLSR CKT-II.
karad -kolhapur-I	IntraState	12/05/2016	17.00	13/05/2016	07.20	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/05/2016	17.02	13/05/2016	09.34	HT	Over Voltage
Nagothane - Dabhol I	IntraState	13/05/2016	07.06	13/05/2016	11.16	T	Distance Protection
New Koyna - Dabhol-I	IntraState	13/05/2016	11.53	13/05/2016	19.59	PO	String Replacement Work.
Main Bus I @ Chandrapur Sw	IntraState	13/05/2016	12.59	13/05/2016	16.22	PO	Corona Ring fixing work.
karad -kolhapur-II	IntraState	13/05/2016	15.56		Continued.	PO	Bus Bar Operated (RFC At 16:35hrs)
Main Bus-II @ Kolhapur	IntraState	13/05/2016	15.56	13/05/2016	16.34	PO	Flashover on 400kv Kolhapur PG-II B-Ph Line CT.
Bhusawal-Aurangabad	IntraState	13/05/2016	17.45		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/05/2016	17.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	13/05/2016	08.03	13/05/2016	18.43	PO	Routine Maintenance Work
400/220kv 315 MVA ICT- III@Padgha	IntraState	13/05/2016	11.01	13/05/2016	17.05	EO	To attend Hot Spot
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	13/05/2016	15.56	13/05/2016	16.45	PO	Bus Bar Operated at kolhapur.
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhaleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	13/05/2016	06.05	13/05/2016	14.55	PO	P.M.Work
Kamba - Kolshet	IntraState	13/05/2016	06.25	13/05/2016	10.38	PO	Attending Hot Spot
Padghe - Kamba	IntraState	13/05/2016	06.27	13/05/2016	10.36	PO	Attending Hot Spot
Versova Gorai Line	IntraState	13/05/2016	06.36	13/05/2016	10.35	PO	Repair of Damaged Jumper Strands.
Jambhul - Anandnagar	IntraState	13/05/2016	09.35	13/05/2016	14.56	PO	Premonsoon Maint. Work.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2016

Statement-VII

Position as on 6.30 Hrs of 14/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Wada	IntraState	13/05/2016	12.07	13/05/2016	16.12	PO	Replacement of Jumper.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/22kv 40 Mva Cgl Ptr 1 @Sicom	IntraState	11/05/2016	14.00		Continued.	PO	Cable Replacement & CT,PT Replacement Work.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	12/05/2016	08.30	13/05/2016	17.56	PO	For Attending Oil Leakage Through OLTC.
220/132 Kv 200 Mva Cgl lct 1 @Boisar-Ii	IntraState	13/05/2016	09.24	13/05/2016	17.22	PO	Diagnostic Testing and R7M work.
132 KV LINE Outages/Trippings							
Shahada-Taloda	IntraState	13/05/2016	12.08	13/05/2016	12.21	T	Distance Protection
110 KV LINE Outages/Trippings							
Kandalgaon - Roha 1	IntraState	13/05/2016	10.20	13/05/2016	17.38	PO	Replacement of Insulator string.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage