

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.976	1873.718	1) Gujrat	-5.712	-41.719
2) Hydro	16.434	159.507	2) Madhya Pradesh	15.438	207.334
3) Gas	8.307	155.582	3) Chattisgarh	2.590	99.240
Total MSPGCL	152.717	2188.807	4) Maharashtra Net	107.802	1443.759
B) 1) APML	15.003	606.974	5) Goa (Amona)	-0.854	-8.348
2) JSWEL	28.044	407.264	6) TAPS 1&2 Injection	2.783	20.895
3) VIPL	14.231	189.579	7) RGPPL Injection	11.732	173.073
4) RPL(AMT)	15.071	203.144	8) Pench (MS)	0.000	0.521
5) WPCL	2.796	44.166	9) Pench (Excess)	0.000	-0.521
6) Other IPP	5.375	79.853	Total	133.779	1893.713
C) 1) TPCL Thermal	17.336	230.261	a) Mumbai Schedule	21.408	366.857
2) TPCL Hydro	1.161	39.827	b) Mumbai Drawl	23.258	444.719
3) TPCL Gas	3.963	60.863	c) MSEDCL Bilateral *	31.874	470.966
4) R-INFRA Thermal	11.281	165.224	Include PX	0.000	-4.690
D) STATE			d) Mumbai Bilateral *	21.408	366.857
1) Thermal	237.113	3800.183	Include PX	2.359	33.658
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	17.595	199.334	H) ENERGY CATERED (MUs)		
3) Gas	12.270	216.445	1) MSEDCL	356.142	5383.349
4) Wind	11.066	194.513	2) Mumbai Discoms	56.999	940.862
6) SOLAR	1.318	20.055	TOTAL STATE	413.141	6324.211
TOTAL STATE	279.362	4430.530			

* 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 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5428	5291	5259	5345
MSPGCL Hydro	713	886	911	244
MSPGCL Gas	292	276	293	431
MSPGCL Total Generation	6433	6453	6463	6020
Central Sector Receipt	6309	5701	5356	5414
WIND	93	668	609	191
CPP / IPP	3224	3478	3799	3196
SOLAR	152	112	0	41
Exchange with Mumbai	-723	-1097	-1011	-772
MSEDCL DEMAND MET	15488	15315	15216	14090
Load Shedding	558	591	0	443
MSEDCL DEMAND	16046	15906	15216	14533
TPCL GENERATION	1076	923	946	898
R-INFRA GENERATION	511	501	511	340
MUMBAI DEMAND	2310	2521	2468	2010
STATE DEMAND MET	17798	17836	17684	16100
STATE DEMAND	18356	18427	17684	16543
Frequency (Hz)	49.96	49.97	49.90	50.20

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.68 Hz at 22.09 Hrs	49.97	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 15/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	2.33	6.30	182	0
Unit 8	10.18	128.54	501	305
Total	12.51	134.84		
Bhusawal				
Unit 2	3.42	29.88	155	125
Unit 3	4.12	59.20	180	155
Unit 4	11.92	153.92	505	410
Unit 5	11.91	154.27	510	420
Total	31.38	397.28		
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	4.50	65.82	196	175
Unit 4	4.41	64.50	186	179
Unit 5	0.00	111.83	0	0
Unit 6	11.01	155.09	465	438
Unit 7	10.43	124.48	441	421
Total	30.34	521.72		
Paras				
Unit 3	5.96	83.22	258	232
Unit 4	5.88	79.95	256	232
Total	11.84	163.17		
Khaparkheda				
Unit 1	0.00	52.28	0	0
Unit 2	4.11	59.84	180	160
Unit 3	4.64	59.68	203	179
Unit 4	0.18	49.84	177	0
Unit 5	12.01	135.74	505	500
Total	20.93	357.37		
Nasik				
Unit 3	4.60	63.10	200	175
Unit 4	4.56	62.15	196	155
Unit 5	4.56	63.12	197	160
Total	13.72	188.38		
Uran				
All Units	8.31	155.58	445	276
Total	8.31	155.58		

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	5.13	53.54	480	50
Stage 4	6.70	48.37	1000	0
Stage 3	3.84	23.19	160	160
Total	15.67	125.10		
Hydro				
KDPH	0.00	7.55	0	0
VTRNA	0.00	0.29	0	0
TILLARI	0.30	4.61	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	2.30	80	0
RNGR+BHTSA	0.16	2.44	7	6
BHANDARDRA	0.12	1.87	6	5
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	2.83	0	0
GHATGHAR	0.00	12.52	0	0
Total	0.77	34.41		
Wind				
Total	11.07	194.51	0	0
Total	11.07	194.51		
CPP				
APML(Mus)	15.00	606.97	0	0
JSWEL(Mus)	28.04	407.26	0	0
VIPL(Mus)	14.23	189.58	0	0
RPLAMT(Mus)	15.07	203.14	0	0
WPCL(Mus)	2.80	44.17	0	0
Other(Mus)	5.38	79.85	0	0
Total	80.52	1530.98		
SOLAR				
Total	1.32	20.06	0	0
Total	1.32	20.06		
Tata				
Trombay 5	11.43	143.74	495	355
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	38.80	115	94
Trombay 7B	1.46	22.06	65	57
Trombay 8	5.91	86.52	251	220
TATA Hydro	1.16	39.83	174	24
Total	22.46	330.95		
R-INFRA				
1-2	11.28	165.22	515	254
Total	11.28	165.22		

* 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	127.98	1873.72	MSPGCL Total	152.72	2188.81
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	136.28	2029.30	Koyna 1,2 & 4 Total	11.83	101.91
Koradi 9	7.26	109.03	MSPGCL Hydro	16.43	159.51	State Total	279.36	4430.53
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 15/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	5577	1652	432	7661	341	3097	0	5272	5616	-1152	15563	0	15563	2629	18192	49.89
2	5324	1377	443	7144	408	2879	0	5136	5638	-1010	15059	13	15072	2458	17530	49.94
3	5339	955	443	6737	379	2978	0	5020	5497	-882	14709	31	14740	2326	17066	49.97
4	5321	809	445	6575	378	2991	0	5029	5156	-760	14340	51	14391	2205	16596	49.97
5	5314	564	444	6322	415	3039	0	5129	5510	-819	14467	92	14559	2141	16700	49.98
6	5319	773	442	6534	280	3086	0	5183	5541	-948	14493	202	14695	2128	16823	50.00
7	5345	654	431	6430	219	3135	5	5215	5284	-913	14160	567	14727	2041	16768	50.03
8	5345	244	431	6020	191	3196	41	5317	5414	-772	14090	443	14533	2010	16543	50.20
9	5395	317	442	6154	114	3233	83	5407	5463	-671	14376	372	14748	2086	16834	50.01
10	5401	642	298	6341	63	3238	137	5449	6142	-717	15204	479	15683	2182	17865	49.99
11	5428	713	292	6433	93	3224	152	5758	6309	-723	15488	558	16046	2310	18356	49.96
12	5498	462	291	6251	222	3240	177	6009	6074	-809	15155	555	15710	2411	18121	49.96
13	5484	392	289	6165	357	3205	176	5806	5874	-914	14863	569	15432	2448	17880	49.95
14	5405	227	287	5919	492	3285	172	5652	5931	-1002	14797	485	15282	2459	17741	49.95
15	5329	459	288	6076	601	3387	150	5574	5889	-1062	15041	436	15477	2489	17966	49.92
16	5291	886	276	6453	668	3478	112	5462	5701	-1097	15315	591	15906	2521	18427	49.97
17	5280	372	284	5936	768	3675	80	5477	6006	-1045	15420	296	15716	2456	18172	50.00
18	5143	242	302	5687	937	3578	30	5239	5231	-1064	14399	0	14399	2376	16775	50.00
19	5073	232	281	5586	876	3584	3	5089	5243	-1084	14208	0	14208	2289	16497	49.99
20	5259	911	293	6463	609	3799	0	5217	5356	-1011	15216	0	15216	2468	17684	49.90
21	5267	997	292	6556	660	3804	0	5257	5154	-1115	15059	0	15059	2568	17627	49.95
22	5301	616	304	6221	786	3800	0	5128	5183	-1184	14806	0	14806	2610	17416	49.93
23	5280	856	293	6429	582	3798	0	5246	5259	-1210	14858	0	14858	2663	17521	49.86
24	5258	1082	284	6624	627	3789	0	5349	5308	-1294	15054	0	15054	2725	17779	49.96
MUs	127.98	16.43	8.31	152.72	11.07	80.52	1.32	128.42	133.78	-23.26	356.14	5.74	361.88	57.00	418.88	49.97

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 15/May/2016

Position as on 6.30 Hrs of 16/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	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	15/05/2016	13.31	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	Chandrapur Unit 5	500	12/05/2016	22.42		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	13/05/2016	00.32	15/05/2016	12.52	Zero Schedule Given By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/May/2016

Position as on 6.30 Hrs of 16/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-5	270	13/05/2016	01.48	15/05/2016	03.56	Zero Schedule Given By MSEDCL.	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	14/05/2016	15.04	16/05/2016	05.24	Boiler Tube Leakage	
IPP	Adani U-2	660	15/05/2016	00.58		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 4	210	15/05/2016	01.00		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 1	250	15/05/2016	04.31	15/05/2016	07.22	C&I Card Failure.	
MSPGCL	Uran Unit 5	108	15/05/2016	09.03		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	15/05/2016	13.32	16/05/2016	04.37	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2016

Statement-VII

Position as on 6.30 Hrs of 16/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	14/05/2016	16.11	15/05/2016	23.14	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	15/05/2016	08.36	15/05/2016	19.46	PO	M/C Tower Diffects
Koradi Bhilai	InterState	15/05/2016	09.26		Continued.	PO	765kv D/C Line Crossing
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorintetion.
Bhusawal-Aurangabad	IntraState	13/05/2016	17.45	15/05/2016	08.25	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	14/05/2016	07.54		Continued.	PO	String Replacement.
karad -kolhapur-I	IntraState	14/05/2016	17.00	15/05/2016	09.03	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/05/2016	21.41	15/05/2016	02.54	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/05/2016	02.18	15/05/2016	09.11	T	Distance Protection
Koradi-Bhusawal	IntraState	15/05/2016	08.34	15/05/2016	22.38	PO	Testing Work
Kalwa - Kharghar	IntraState	15/05/2016	08.56	15/05/2016	18.36	PO	Testing Work
Padgha-HVDC(AC)-II	IntraState	15/05/2016	12.45		Continued.	PO	Attending Hot Spot & Shifted on TBC
karad -kolhapur-II	IntraState	15/05/2016	16.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/05/2016	16.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/05/2016	22.57		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 KV 500 MVA ICT- II @Warora	IntraState	13/05/2016	14.39		Continued.	PO	For Dismanteling Of ICT-I
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).
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableswhar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Trombay MSETCL Tie 2	IntraState	15/05/2016	09.36	15/05/2016	10.15	PO	Annual Maintenance Work
Nagothane - MSL	IntraState	15/05/2016	09.43	15/05/2016	14.40	PO	R ph CT Replacement
220KV Borivali (M) - Borivali (T) ckt I	IntraState	15/05/2016	10.49	15/05/2016	12.26	PO	Annual Maintenance Work
REL Borivali MSETCL Borivali Line-2	IntraState	15/05/2016	10.50	15/05/2016	12.27	PO	Annual Maintenance Work
Kalwa-Salsette-VI	IntraState	15/05/2016	11.05	15/05/2016	19.21	PO	Annual Maintenance Work
Trombay Salsette 1 Backbay	IntraState	15/05/2016	11.08	15/05/2016	19.53	PO	Attending Hot Spot
Bableswhar- Alephata	IntraState	15/05/2016	14.25	15/05/2016	16.33	T	Distance Protection
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.

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