

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/May/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.718	3209.334	1) Gujrat	-0.511	-86.477
2) Hydro	6.644	244.038	2) Madhya Pradesh	13.287	317.946
3) Gas	6.525	252.162	3) Chattisgarh	8.190	164.810
Total MSPGCL	146.887	3705.534	4) Maharashtra Net	99.187	2491.192
B) 1) APML	21.329	743.515	5) Goa (Amona)	-1.056	-18.214
2) JSWEL	27.338	675.983	6) TAPS 1&2 Injection	3.556	55.030
3) VIPL	11.620	306.843	7) RGPPL Injection	11.610	289.741
4) RPL(AMT)	5.511	388.841	8) Pench (MS)	0.052	0.854
5) WPCL	2.656	71.642	9) Pench (Excess)	-0.052	-0.854
6) Other IPP	5.291	130.248	Total	134.211	3213.174
C) 1) TPCL Thermal	17.686	391.501	a) Mumbai Schedule	26.814	619.967
2) TPCL Hydro	3.717	69.858	b) Mumbai Drawl	32.893	779.840
3) TPCL Gas	4.477	99.646	c) MSEDCL Bilateral *	34.721	829.439
4) R-INFRA Thermal	12.177	277.241	Include PX	0.000	-5.037
D) STATE			d) Mumbai Bilateral *	26.814	619.967
1) Thermal	237.326	6195.148	Include PX	4.109	68.204
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.361	313.896	H) ENERGY CATERED (MUs)		
3) Gas	11.002	351.808	1) MSEDCL	366.707	9017.932
4) Wind	43.406	528.713	2) Mumbai Discoms	70.950	1618.056
6) SOLAR	1.351	33.279	TOTAL STATE	437.657	10635.988
TOTAL STATE	303.446	7422.844			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5462	5314	5683	5731
MSPGCL Hydro	330	569	413	93
MSPGCL Gas	260	242	275	280
MSPGCL Total Generation	6052	6125	6371	6104
Central Sector Receipt	6305	6459	5505	4969
WIND	1887	1901	1964	1640
CPP / IPP	3246	3212	3087	2919
SOLAR	187	108	0	0
Exchange with Mumbai	-1597	-1627	-1407	-897
MSEDCL DEMAND MET	16080	16178	15520	14735
Load Shedding	0	0	0	0
MSEDCL DEMAND	16080	16178	15520	14735
TPCL GENERATION	1371	1385	1098	919
R-INFRA GENERATION	491	491	513	512
MUMBAI DEMAND	3459	3503	3018	2328
STATE DEMAND MET	19539	19681	18538	17063
STATE DEMAND	19539	19681	18538	17063
Frequency (Hz)	49.96	49.98	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.03 Hrs	49.81 Hz at 22.17 Hrs	49.99	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 25/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	22.34	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.80	43.60	170	150
Unit 8	3.70	240.81	396	0
Total	7.50	306.76		
Bhusawal				
Unit 2	3.24	49.08	140	130
Unit 3	3.96	98.36	170	160
Unit 4	9.84	253.52	500	350
Unit 5	9.88	250.71	505	355
Total	26.93	651.68		
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	4.41	108.15	197	163
Unit 4	4.27	107.01	190	160
Unit 5	10.34	196.69	465	360
Unit 6	9.90	254.34	464	360
Unit 7	9.83	190.67	450	334
Total	38.76	856.86		
Paras				
Unit 3	5.75	119.49	250	205
Unit 4	5.40	138.98	242	200
Total	11.16	258.47		
Khaparkheda				
Unit 1	3.06	87.80	150	105
Unit 2	3.82	93.62	175	140
Unit 3	4.14	100.95	192	160
Unit 4	4.31	89.56	190	164
Unit 5	11.60	247.80	502	370
Total	26.92	619.74		
Nasik				
Unit 3	4.46	104.90	195	165
Unit 4	4.55	97.44	200	162
Unit 5	4.36	104.77	192	153
Total	13.36	307.12		
Uran				
All Units	6.52	252.16	282	242
Total	6.52	252.16		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	0.85	19	0
Total	0.05	0.85		
Koyna				
Stage 1-2	2.72	80.51	405	40
Stage 4	1.07	69.23	206	0
Stage 3	0.54	34.07	160	0
Total	4.33	183.81		
Hydro				
KDPH	0.48	12.53	20	20
VTRNA	0.00	0.29	0	0
TILLARI	0.49	8.19	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.90	80	0
RNGR+BHTSA	0.20	4.13	11	8
BHANDARDRA	0.00	3.17	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	4.34	11	10
GHATGHAR	0.73	23.69	125	0
Total	2.32	60.23		
Wind				
Total	43.41	528.71	0	0
Total	43.41	528.71		
CPP				
APML(Mus)	21.33	743.52	0	0
JSWEL(Mus)	27.34	675.98	0	0
VIPL(Mus)	11.62	306.84	0	0
RPLAMT(Mus)	5.51	388.84	0	0
WPCL(Mus)	2.66	71.64	0	0
Other(Mus)	5.29	130.25	0	0
Total	73.74	2317.07		
SOLAR				
Total	1.35	33.28	0	0
Total	1.35	33.28		
Tata				
Trombay 5	11.76	248.55	498	465
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	63.88	123	114
Trombay 7B	1.61	35.77	69	65
Trombay 8	5.93	142.95	249	244
TATA Hydro	3.72	69.86	459	54
Total	25.88	561.00		
R-INFRA				
1-2	12.18	277.24	514	485
Total	12.18	277.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	1.82	MSPGCL Thermal	133.72	3209.33	MSPGCL Total	146.89	3705.53
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	140.24	3461.50	Koyna 1,2 & 4 Total	3.79	149.74
Koradi 9	9.09	204.97	MSPGCL Hydro	6.64	244.04	State Total	303.45	7422.84
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/May/2016

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	5741	576	278	6595	1853	2875	0	5340	5374	-1474	15223	0	15223	2904	18127	49.93
2	5720	243	269	6232	1848	2902	0	5207	5375	-1244	15113	0	15113	2679	17792	49.99
3	5725	108	279	6112	1797	2898	0	5101	5200	-1080	14927	0	14927	2502	17429	49.99
4	5757	88	279	6124	1808	2918	0	5023	5111	-977	14984	0	14984	2382	17366	49.98
5	5731	93	280	6104	1640	2919	0	5054	4969	-897	14735	0	14735	2328	17063	49.96
6	5730	200	280	6210	1630	2944	0	5039	5281	-899	15166	0	15166	2333	17499	50.01
7	5732	323	262	6317	1437	3060	6	5093	5220	-827	15213	0	15213	2262	17475	50.01
8	5715	132	269	6116	1652	3192	40	5156	5182	-871	15311	0	15311	2310	17621	50.05
9	5514	182	282	5978	1749	3194	96	5414	5272	-1259	15030	0	15030	2701	17731	50.01
10	5422	224	276	5922	1878	3215	134	5846	6160	-1551	15758	0	15758	3047	18805	49.97
11	5464	176	270	5910	1862	3226	158	5735	6408	-1676	15888	0	15888	3408	19296	49.98
12	5462	330	260	6052	1887	3246	187	5851	6305	-1597	16080	0	16080	3459	19539	49.96
13	5288	347	276	5911	1809	3236	181	5886	6300	-1656	15781	0	15781	3490	19271	49.98
14	5315	261	265	5841	1910	3245	166	5866	6070	-1701	15531	0	15531	3418	18949	49.98
15	5297	354	276	5927	1784	3202	152	5800	6373	-1698	15740	0	15740	3479	19219	49.99
16	5314	569	242	6125	1901	3212	108	5789	6459	-1627	16178	0	16178	3503	19681	49.98
17	5338	221	266	5825	1873	3229	84	5453	6130	-1630	15511	0	15511	3485	18996	50.03
18	5221	94	276	5591	2083	3249	35	4701	5352	-1571	14739	0	14739	3299	18038	50.07
19	5211	141	279	5631	1977	3253	4	4350	4647	-1494	14018	0	14018	3117	17135	50.05
20	5399	578	261	6238	1999	3225	0	5097	5085	-1398	15149	0	15149	3105	18254	49.96
21	5683	413	275	6371	1964	3087	0	5430	5505	-1407	15520	0	15520	3018	18538	49.93
22	5870	171	269	6310	1853	2756	0	5445	5359	-1391	14887	0	14887	2883	17770	49.97
23	5926	192	278	6396	1735	2674	0	5497	5561	-1455	14911	0	14911	2891	17802	49.91
24	6143	628	278	7049	1477	2788	0	5448	5512	-1513	15313	0	15313	2947	18260	49.95
MUs	133.7 2	6.64	6.53	146.89	43.41	73.75	1.35	128.62	134.21	-32.89	366.71	0.00	366.71	70.95	437.66	49.99

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 25/May/2016

Position as on 6.30 Hrs of 26/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	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Maintenance work	
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	
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	
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	
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	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	Adani U-2	660	15/05/2016	00.58	25/05/2016	05.35	Water Shortage	
IPP	RPL(AMT) U-4	270	21/05/2016	16.15		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	21/05/2016	18.10		Continued.	Zero Schedule	
MSPGCL	Uran Unit 5	108	22/05/2016	18.05		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	24/05/2016	00.00		Continued.	Zero Schedule From	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/May/2016

Position as on 6.30 Hrs of 26/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Koradi Unit 5	200	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Koradi Unit-8	660	24/05/2016	16.53	25/05/2016	08.51	Negative Sequence.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/May/2016

Statement-VII

Position as on 6.30 Hrs of 26/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							
Kolhapur Solapur (PG) II	InterState	24/05/2016	17.42	25/05/2016	06.43	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/05/2016	17.54	25/05/2016	10.23	HT	Over Voltage
Dabhol Nagothane I	InterState	25/05/2016	05.22	25/05/2016	05.40	T	Distance Protection from Dabhol End Only.
Dabhol Nagothane I	InterState	25/05/2016	13.16		Continued.	EO	Insulator String Replacement Work (REG @ 19.59 Hrs).
Dhule Sar'Sarovar I	InterState	25/05/2016	17.33		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorientation.
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
karad -kolhapur-II	IntraState	24/05/2016	16.40	25/05/2016	09.18	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/05/2016	17.05	25/05/2016	09.31	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/05/2016	19.12	25/05/2016	10.27	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	24/05/2016	20.00		Continued.	HT	For Outage on Main Bus-2 @ Kalwa.
Akola II - RPL(Rattaniindia) Ckt I	IntraState	25/05/2016	08.37	25/05/2016	18.53	PO	Premansoon Maint.Work.
Chandrapur II - Chandrapur SW Ckt I	IntraState	25/05/2016	09.44	25/05/2016	19.45	PO	Tan Delta Meassurment.
karad -kolhapur-I	IntraState	25/05/2016	16.49		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/05/2016	16.52		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/05/2016	17.36		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
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	25/05/2016	07.34	25/05/2016	19.57	PO	Routine Maintenance Work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	25/05/2016	10.17	25/05/2016	18.48	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
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).
Bableshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Taloja li - OCIL-II	IntraState	25/05/2016	08.28	25/05/2016	17.32	PO	Premansoon Maint.Work.
Peth- Mudshingi -I	IntraState	25/05/2016	09.58	25/05/2016	12.27	PO	Diagnostic Testing Work.
Karad - Sadawagpur I	IntraState	25/05/2016	10.57	25/05/2016	15.06	PO	C B Maint.Work.
ACCIL - Apta	IntraState	25/05/2016	11.13	25/05/2016	12.10	PO	Attending Hot Spot
Peth- Mudshingi -I	IntraState	25/05/2016	14.40	25/05/2016	16.28	PO	Diagnostic Testing Work.
220KV Chalisagaon-Kopergaon	IntraState	25/05/2016	16.55	25/05/2016	16.58	T	Tripped Only from Kopergaon End.
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

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 25/May/2016

Statement-VII

Position as on 6.30 Hrs of 26/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	25/05/2016	06.28	25/05/2016	07.56	PO	Premonsoon Maint.Work.
220/132 Kv 150 Mva Emco Ict 1 @Ambazari	IntraState	25/05/2016	08.21	25/05/2016	09.25	PO	Premonsoon Maint.Work.