

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/May/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.912	3348.510	1) Gujrat	0.149	-86.328
2) Hydro	10.964	255.002	2) Madhya Pradesh	13.473	331.419
3) Gas	6.550	258.712	3) Chattisgarh	8.390	173.200
Total MSPGCL	156.426	3862.224	4) Maharashtra Net	100.715	2591.907
B) 1) APML	14.785	758.300	5) Goa (Amona)	-1.080	-19.294
2) JSWEL	27.015	702.998	6) TAPS 1&2 Injection	3.551	58.581
3) VIPL	12.424	319.267	7) RGPPL Injection	11.671	301.412
4) RPL(AMT)	5.590	394.431	8) Pench (MS)	0.032	0.886
5) WPCL	2.631	74.273	9) Pench (Excess)	-0.032	-0.886
6) Other IPP	5.163	135.411	Total	136.837	3350.011
C) 1) TPCL Thermal	17.765	409.266	a) Mumbai Schedule	29.092	649.059
2) TPCL Hydro	3.799	73.657	b) Mumbai Drawl	32.895	812.735
3) TPCL Gas	4.056	103.702	c) MSEDCL Bilateral *	42.853	872.292
4) R-INFRA Thermal	12.242	289.483	Include PX	-0.163	-5.200
D) STATE			d) Mumbai Bilateral *	29.092	649.059
1) Thermal	236.527	6431.939	Include PX	4.695	72.900
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	14.763	328.659	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.606	362.414	1) MSEDCL	363.518	9381.714
4) Wind	34.233	562.946	2) Mumbai Discoms	70.757	1688.813
6) SOLAR	1.309	34.588	TOTAL STATE	434.275	11070.527
TOTAL STATE	297.438	7720.546			

* 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	6307	5737	5000	6098
MSPGCL Hydro	520	1093	844	79
MSPGCL Gas	262	263	281	282
MSPGCL Total Generation	7089	7093	6125	6459
Central Sector Receipt	6350	6199	5642	5180
WIND	1116	1497	1961	1149
CPP / IPP	2966	2914	2716	2692
SOLAR	173	106	0	0
Exchange with Mumbai	-1616	-1663	-1309	-926
MSEDCL DEMAND MET	16078	16146	15135	14554
Load Shedding	0	0	0	0
MSEDCL DEMAND	16078	16146	15135	14554
TPCL GENERATION	1316	1327	1120	920
R-INFRA GENERATION	496	500	513	514
MUMBAI DEMAND	3428	3490	2942	2360
STATE DEMAND MET	19506	19636	18077	16914
STATE DEMAND	19506	19636	18077	16914
Frequency (Hz)	49.91	49.92	49.81	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 00.02 Hrs	49.54 Hz at 22.11 Hrs	49.93	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 26/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	3.57	47.17	165	130
Unit 8	10.90	251.70	615	387
Total	14.46	321.22		
Bhusawal				
Unit 2	3.24	52.33	145	130
Unit 3	3.98	102.33	175	160
Unit 4	10.11	263.64	500	350
Unit 5	10.18	260.89	500	350
Total	27.51	679.18		
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	4.44	112.59	195	163
Unit 4	4.33	111.34	190	161
Unit 5	10.42	207.12	465	360
Unit 6	7.83	262.18	467	0
Unit 7	10.26	200.93	450	360
Total	37.29	894.15		
Paras				
Unit 3	4.15	123.64	254	0
Unit 4	5.71	144.69	257	200
Total	9.86	268.34		
Khaparkheda				
Unit 1	3.32	91.11	155	125
Unit 2	3.84	97.47	175	150
Unit 3	4.25	105.20	191	160
Unit 4	4.12	93.68	190	150
Unit 5	11.38	259.18	500	380
Total	26.91	646.65		
Nasik				
Unit 3	4.30	109.21	195	165
Unit 4	4.40	101.84	204	159
Unit 5	4.19	108.96	192	145
Total	12.89	320.01		
Uran				
All Units	6.55	258.71	290	260
Total	6.55	258.71		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.03	0.89	21	0
Total	0.03	0.89		
Koyna				
Stage 1-2	4.74	85.26	425	40
Stage 4	2.69	71.92	594	0
Stage 3	1.58	35.64	160	0
Total	9.01	192.82		
Hydro				
KDPH	0.47	13.01	20	19
VTRNA	0.00	0.29	0	0
TILLARI	0.65	8.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	4.09	80	0
RNGR+BHTSA	0.23	4.36	10	9
BHANDARDRA	0.00	3.17	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	4.38	2	1
GHATGHAR	0.37	24.06	125	0
Total	1.96	62.19		
Wind				
Total	34.23	562.95	0	0
Total	34.23	562.95		
CPP				
APML(Mus)	14.78	758.30	0	0
JSWEL(Mus)	27.02	703.00	0	0
VIPL(Mus)	12.42	319.27	0	0
RPLAMT(Mus)	5.59	394.43	0	0
WPCL(Mus)	2.63	74.27	0	0
Other(Mus)	5.16	135.41	0	0
Total	67.61	2384.68		
SOLAR				
Total	1.31	34.59	0	0
Total	1.31	34.59		
Tata				
Trombay 5	11.86	260.42	500	477
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	66.43	115	93
Trombay 7B	1.51	37.27	66	58
Trombay 8	5.90	148.85	249	244
TATA Hydro	3.80	73.66	425	0
Total	25.62	586.62		
R-INFRA				
1-2	12.24	289.48	514	496
Total	12.24	289.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	2.09	MSPGCL Thermal	138.91	3348.51	MSPGCL Total	156.43	3862.22
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	145.46	3607.22	Koyna 1,2 & 4 Total	7.43	157.17
Koradi 9	9.99	214.96	MSPGCL Hydro	10.96	255.00	State Total	297.44	7720.55
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	6385	400	260	7045	1397	2922	0	5612	5379	-1470	15273	0	15273	2898	18171	49.98
2	6401	74	281	6756	1289	2931	0	5539	5571	-1265	15282	0	15282	2687	17969	49.99
3	6262	69	260	6591	1305	2870	0	5453	5334	-1112	14988	0	14988	2531	17519	49.96
4	6162	69	281	6512	1292	2713	0	5367	5237	-992	14762	0	14762	2424	17186	49.98
5	6098	79	282	6459	1149	2692	0	5353	5180	-926	14554	0	14554	2360	16914	49.96
6	6108	105	270	6483	1132	2697	0	5355	5358	-908	14762	0	14762	2343	17105	49.97
7	6124	195	280	6599	1007	2834	6	5436	5366	-836	14976	0	14976	2271	17247	49.99
8	6335	181	279	6795	1161	2908	44	5529	5156	-895	15169	0	15169	2330	17499	50.00
9	6099	196	290	6585	1370	2850	80	5773	5505	-1277	15113	0	15113	2715	17828	49.98
10	5973	479	280	6732	1176	2866	155	6019	6338	-1525	15742	0	15742	3032	18774	49.94
11	6284	562	266	7112	1109	2958	148	6140	6097	-1618	15806	0	15806	3353	19159	49.92
12	6307	520	262	7089	1116	2966	173	6070	6350	-1616	16078	0	16078	3428	19506	49.91
13	6344	467	264	7075	1147	2954	179	5787	5917	-1637	15635	0	15635	3475	19110	49.95
14	5894	462	273	6629	1292	2948	170	5780	5842	-1591	15290	0	15290	3394	18684	49.93
15	5761	759	263	6783	1298	2950	142	5854	5866	-1661	15378	0	15378	3462	18840	49.89
16	5737	1093	263	7093	1497	2914	106	5909	6199	-1663	16146	0	16146	3490	19636	49.92
17	5567	752	275	6594	1725	2746	69	5872	6386	-1627	15892	0	15892	3457	19350	49.96
18	5018	363	273	5654	2043	2664	32	5421	5665	-1586	14472	0	14472	3319	17791	49.95
19	4901	241	279	5421	1903	2682	5	5310	5362	-1467	13906	0	13906	3049	16955	49.95
20	5011	553	270	5834	1868	2709	0	5628	5795	-1469	14737	0	14737	3062	17799	49.86
21	5000	844	281	6125	1961	2716	0	5686	5642	-1309	15135	0	15135	2942	18077	49.81
22	4955	662	282	5899	1904	2700	0	5713	5623	-1436	14690	0	14690	2874	17564	49.89
23	4910	807	263	5980	1571	2700	0	5742	5983	-1491	14743	0	14743	2897	17640	49.82
24	5276	1032	273	6581	1521	2718	0	5654	5687	-1518	14989	0	14989	2964	17953	49.79
MUs	138.91	10.96	6.55	156.43	34.23	67.61	1.31	136.00	136.84	-32.90	363.52	0.00	363.52	70.76	434.28	49.93

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 26/May/2016

Position as on 6.30 Hrs of 27/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.	biannual 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.	Decommissioned w.e.f 01.04.2016	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Decommissioned w.e.f 10.05.2016	
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.	Decommissioned w.e.f 01.04.2016	
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	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 MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/May/2016

Position as on 6.30 Hrs of 27/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
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.	
MSPGCL	Koradi Unit 9	660	26/05/2016	13.17	26/05/2016	16.55	CEP Tripped.	
MSPGCL	Paras Unit 3	250	26/05/2016	17.12		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	26/05/2016	22.00		Continued.	Clinker Formation.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/May/2016

Statement-VII

Position as on 6.30 Hrs of 27/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	26/05/2016	09.22	26/05/2016	21.50	PO	Repair Work.
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	25/05/2016	13.16		Continued.	EO	Insulator String Replacement Work (RFG @ 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-Bableshtar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
Kalwa - Talegaon(PG)	IntraState	24/05/2016	20.00		Continued.	HT	For Outage on Main Bus-2 @ Kalwa.
Padghe - Kalwa- I	IntraState	25/05/2016	09.09	26/05/2016	09.20	PO	Shifted from B Bus to A Bus to Attend Damage Conductor Problem on B Bus.
Bus Coupler @ Kalwa	IntraState	25/05/2016	09.17	26/05/2016	07.21	PO	Main Bus B Outage.
Kalwa - Kharghar	IntraState	25/05/2016	09.45	26/05/2016	08.24	PO	Shifted from B Bus to A Bus to Attend Damage Conductor Problem on B Bus.
karad -kolhapur-I	IntraState	25/05/2016	16.49	26/05/2016	08.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/05/2016	16.52	26/05/2016	10.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/05/2016	17.36	26/05/2016	10.14	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	26/05/2016	08.31	26/05/2016	18.13	PO	Line Maintenance work
Padghe - Nagothane - II	IntraState	26/05/2016	11.27	26/05/2016	12.07	T	Bus Bar Protection Operated.
Main Bus-2 @Nagothane S/st.	IntraState	26/05/2016	11.27	26/05/2016	12.03	T	Heavy Sparking Observed on R Ph Isolator of Dabhol-I During Opening Operation.
karad -kolhapur-II	IntraState	26/05/2016	16.25		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/05/2016	16.46		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/05/2016	17.09		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 Babhaleshtar.
400/220 KV 500 MVA ICT- II @Warora	IntraState	13/05/2016	14.39		Continued.	PO	For Dismantling Of ICT-I
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	25/05/2016	08.27	26/05/2016	08.48	PO	Shifted from B Bus to A Bus to Attend Damage Conductor Problem on B Bus.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	26/05/2016	11.27	26/05/2016	12.20	T	Bus Bar Protection Operated.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	26/05/2016	17.11	26/05/2016	18.29	PO	Replacement of Expansion Valve to Attend Hot Spot.
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).
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Badnera-Akola I	IntraState	26/05/2016	06.34	26/05/2016	17.20	PO	Replacement of Line Insulator.

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 26/May/2016

Statement-VII

Position as on 6.30 Hrs of 27/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Karad -Mudshingi Ckt- IV	IntraState	26/05/2016	08.26	26/05/2016	10.55	PO	Insulator String Replacement Work.
Chinchwad-Hinjewadi I	IntraState	26/05/2016	13.45	26/05/2016	18.51	HT	To Avail C'wad-Urse Outage.
Urse-Chinchwad	IntraState	26/05/2016	14.09	26/05/2016	18.39	PO	For Tapping to Tukaram Sugar Factory.
Alephata-Pargaon(Kathapur)	IntraState	26/05/2016	17.21	26/05/2016	17.57	PO	To Remove Nest from Gantry.
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)
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	26/05/2016	10.27	26/05/2016	15.00	PO	Quarterly Maintainance Work
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	26/05/2016	14.20	26/05/2016	16.45	PO	Premansoon Maint. Work.

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