

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/May/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.283	3738.598	1) Gujrat	1.834	-85.642
2) Hydro	3.483	281.718	2) Madhya Pradesh	14.448	375.743
3) Gas	8.182	281.609	3) Chattisgarh	7.130	197.970
Total MSPGCL	150.948	4301.925	4) Maharashtra Net	101.001	2909.338
B) 1) APML	12.944	798.240	5) Goa (Amona)	-0.902	-22.176
2) JSWEL	27.157	784.953	6) TAPS 1&2 Injection	3.652	69.389
3) VIPL	11.951	358.307	7) RGPPL Injection	11.577	336.285
4) RPL(AMT)	6.258	412.864	8) Pench (MS)	0.112	1.203
5) WPCL	2.615	82.139	9) Pench (Excess)	-0.112	-1.203
6) Other IPP	5.199	151.004	Total	138.628	3779.704
C) 1) TPCL Thermal	14.528	458.786	a) Mumbai Schedule	21.465	727.481
2) TPCL Hydro	0.062	79.581	b) Mumbai Drawl	31.400	910.074
3) TPCL Gas	2.970	112.999	c) MSEDCL Bilateral *	47.229	1002.643
4) R-INFRA Thermal	10.522	324.546	Include PX	-0.004	-5.260
D) STATE			d) Mumbai Bilateral *	21.465	727.481
1) Thermal	230.457	7109.437	Include PX	4.164	84.706
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	3.545	361.299	H) ENERGY CATERED (MUs)		
3) Gas	11.152	394.608	1) MSEDCL	360.402	10457.869
4) Wind	34.817	660.230	2) Mumbai Discoms	59.482	1885.956
6) SOLAR	1.285	38.577	TOTAL STATE	419.884	12343.825
TOTAL STATE	281.256	8564.151			

* 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	6142	6109	6144	5798
MSPGCL Hydro	327	211	136	70
MSPGCL Gas	324	313	313	412
MSPGCL Total Generation	6793	6633	6593	6280
Central Sector Receipt	6087	5943	5168	5703
WIND	996	1366	1752	1588
CPP / IPP	2867	2905	2903	2645
SOLAR	155	115	0	0
Exchange with Mumbai	-1209	-1248	-1323	-1268
MSEDCL DEMAND MET	15689	15714	15093	14948
Load Shedding	0	0	0	0
MSEDCL DEMAND	15689	15714	15093	14948
TPCL GENERATION	846	847	817	646
R-INFRA GENERATION	401	510	510	403
MUMBAI DEMAND	2456	2605	2650	2317
STATE DEMAND MET	18145	18319	17743	17265
STATE DEMAND	18145	18319	17743	17265
Frequency (Hz)	49.96	49.98	50.01	50.11

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.04 Hrs	49.81 Hz at 14.11 Hrs	50.01	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 29/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	3.51	58.08	153	135
Unit 8	13.12	287.59	641	360
Total	16.63	368.01		
Bhusawal				
Unit 2	3.32	62.22	150	130
Unit 3	3.86	114.10	180	150
Unit 4	9.98	296.11	500	350
Unit 5	9.98	293.65	500	360
Total	27.15	766.08		
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	4.46	125.90	200	165
Unit 4	4.35	124.46	190	165
Unit 5	9.73	237.92	449	360
Unit 6	0.00	262.18	0	0
Unit 7	10.28	232.10	454	374
Total	28.82	982.55		
Paras				
Unit 3	5.57	129.98	247	200
Unit 4	5.76	162.52	253	200
Total	11.34	292.50		
Khaparkheda				
Unit 1	3.81	102.29	165	150
Unit 2	3.97	109.23	175	150
Unit 3	4.41	118.63	192	162
Unit 4	4.35	106.70	189	172
Unit 5	11.33	286.05	500	385
Total	27.87	722.91		
Nasik				
Unit 3	4.18	121.96	195	165
Unit 4	4.17	114.63	202	161
Unit 5	4.14	115.22	189	160
Total	12.49	351.81		
Uran				
All Units	8.18	281.61	422	299
Total	8.18	281.61		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.11	1.20	40	0
Total	0.11	1.20		
Koyna				
Stage 1-2	1.47	93.28	310	40
Stage 4	0.21	80.18	122	0
Stage 3	0.00	39.42	0	0
Total	1.68	212.88		
Hydro				
KDPH	0.46	14.39	19	19
VTRNA	0.00	0.29	0	0
TILLARI	0.36	9.93	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.00	4.59	0	0
RNGR+BHTSA	0.24	5.06	10	10
BHANDARDRA	0.00	3.17	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	4.53	2	1
GHATGHAR	0.70	26.90	125	0
Total	1.80	68.84		
Wind				
Total	34.82	660.23	0	0
Total	34.82	660.23		
CPP				
APML(Mus)	12.94	798.24	0	0
JSWEL(Mus)	27.16	784.95	0	0
VIPL(Mus)	11.95	358.31	0	0
RPLAMT(Mus)	6.26	412.86	0	0
WPCL(Mus)	2.62	82.14	0	0
Other(Mus)	5.20	151.00	0	0
Total	66.12	2587.51		
SOLAR				
Total	1.28	38.58	0	0
Total	1.28	38.58		
Tata				
Trombay 5	9.21	292.85	484	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.73	71.90	75	62
Trombay 7B	1.24	41.10	53	48
Trombay 8	5.32	165.94	246	202
TATA Hydro	0.06	79.58	50	0
Total	17.56	651.37		
R-INFRA				
1-2	10.52	324.55	513	401
Total	10.52	324.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	2.42	4.51	MSPGCL Thermal	139.28	3738.60	MSPGCL Total	150.95	4301.92
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	147.46	4020.21	Koyna 1,2 & 4 Total	1.68	173.46
Koradi 9	12.56	248.30	MSPGCL Hydro	3.48	281.72	State Total	281.26	8564.15
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	6101	70	400	6571	1759	2759	0	6244	5626	-1428	15287	0	15287	2796	18083	50.04
2	5780	70	412	6262	1873	2785	0	6213	5783	-1484	15219	0	15219	2659	17878	50.06
3	5737	85	401	6223	1763	2710	0	5984	5764	-1463	14997	0	14997	2510	17507	50.04
4	5758	75	411	6244	1567	2669	0	5792	5851	-1352	14979	0	14979	2399	17378	50.08
5	5798	70	412	6280	1588	2645	0	5729	5703	-1268	14948	0	14948	2317	17265	50.11
6	5883	75	422	6380	1348	2653	0	5783	5885	-1241	15025	0	15025	2290	17315	50.02
7	5886	75	397	6358	1039	2664	6	6085	6225	-1135	15157	0	15157	2183	17340	50.05
8	5932	75	321	6328	980	2683	42	6332	6198	-1099	15132	0	15132	2146	17278	50.06
9	5660	75	322	6057	1301	2682	91	6429	6286	-1129	15288	0	15288	2178	17466	50.08
10	5606	131	314	6051	1083	2700	130	6401	6192	-1220	14936	0	14936	2267	17203	50.00
11	5707	523	313	6543	1028	2735	156	5955	6110	-1271	15301	0	15301	2365	17666	49.98
12	6142	327	324	6793	996	2867	155	5881	6087	-1209	15689	0	15689	2456	18145	49.96
13	6022	196	309	6527	931	2877	179	5867	6142	-1177	15479	0	15479	2486	17965	49.95
14	6050	196	304	6550	1055	2894	158	5844	5970	-1144	15483	0	15483	2511	17994	49.96
15	6079	211	310	6600	1230	2896	138	5891	5875	-1213	15526	0	15526	2577	18103	49.94
16	6109	211	313	6633	1366	2905	115	5908	5943	-1248	15714	0	15714	2605	18319	49.98
17	5604	196	311	6111	1747	2814	80	5806	5480	-1168	15064	0	15064	2531	17595	49.99
18	5392	71	325	5788	1845	2511	31	5471	5153	-1227	14101	0	14101	2418	16519	50.03
19	5377	131	315	5823	1672	2491	4	4635	4676	-1303	13363	0	13363	2344	15707	50.03
20	5560	271	317	6148	1577	2673	0	5099	5411	-1450	14359	0	14359	2546	16905	49.95
21	6144	136	313	6593	1752	2903	0	5414	5168	-1323	15093	0	15093	2650	17743	50.01
22	5890	71	313	6274	1869	2915	0	5640	5031	-1503	14586	0	14586	2674	17260	49.99
23	5497	71	304	5872	1736	2822	0	5710	5839	-1651	14618	0	14618	2699	17317	49.99
24	5569	71	299	5939	1712	2871	0	5889	6225	-1694	15053	0	15053	2875	17928	49.93
MUs	139.28	3.48	8.18	150.95	34.82	66.12	1.29	140.00	138.62	-31.40	360.40	0.00	360.40	59.48	419.88	50.01

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 29/May/2016

Position as on 6.30 Hrs of 30/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.	Annual 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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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.	
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	
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	
IPP	RPL(AMT) U-1	270	24/05/2016	00.00		Continued.	Zero Schedule From MSEDCL	
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	Chandrapur Unit 6	500	26/05/2016	22.00		Continued.	Clinker Formation.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/May/2016

Position as on 6.30 Hrs of 30/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-8	500	29/05/2016	11.28	29/05/2016	14.10	Drum level high	
MSPGCL	Chandrapur Unit-8	500	29/05/2016	22.13	30/05/2016	02.20	Drum level low	
MSPGCL	Uran Unit B0	120	29/05/2016	23.17		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	29/05/2016	23.19		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2016

Statement-VII

Position as on 6.30 Hrs of 30/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	29/05/2016	07.33	29/05/2016	20.04	EO	Faulty String Replacement Work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	27/05/2016	18.05	29/05/2016	10.49	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
Taptitanda-Ektuni ckt 2	IntraState	28/05/2016	10.30		Continued.	PO	Dismantalling of Tower.
karad -kolhapur-II	IntraState	28/05/2016	16.33	29/05/2016	09.55	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/05/2016	16.37		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/05/2016	22.17		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	29/05/2016	16.08		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							
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
Kalwa - Colourchem	IntraState	29/05/2016	06.59	29/05/2016	11.15	PO	Attending Hot Spot
Dahanu Versova	IntraState	29/05/2016	07.18	29/05/2016	12.33	PO	Installation of clamp
Kalwa - Airoli Knowledge Park	IntraState	29/05/2016	07.36	29/05/2016	11.32	PO	for Safty purpose
Kalwa - Mulund 2	IntraState	29/05/2016	08.32	29/05/2016	17.08	PO	Annual Maintenance Work
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)

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