

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.939	3565.432	1) Gujrat	-9.843	-148.081
2) Hydro	2.854	112.182	2) Madhya Pradesh	4.730	273.390
3) Gas	6.013	239.077	3) Chattisgarh	6.090	205.100
Total MSPGCL	112.806	3916.691	4) Maharashtra Net	82.727	3014.988
B) 1) APML	11.276	364.328	5) Goa (Amona)	-0.548	-20.356
2) JSWEL	19.473	578.223	6) TAPS 1&2 Injection	3.704	105.088
3) VIPL	10.107	332.931	7) RGPPL Injection	11.611	333.642
4) RPL(AMT)	9.975	494.952	8) Pench (MS)	0.154	2.238
5) WPCL	4.443	114.218	9) Pench (Excess)	-0.154	-2.238
6) Other IPP	3.392	127.645	Total	98.317	3761.533
C) 1) TPCL Thermal	17.375	458.768	a) Mumbai Schedule	18.937	731.998
2) TPCL Hydro	7.412	72.541	b) Mumbai Drawl	14.353	915.132
3) TPCL Gas	3.923	103.009	c) MSEDCL Bilateral *	35.253	1039.876
4) R-INFRA Thermal	12.315	324.524	Include PX	0.000	8.508
D) STATE			d) Mumbai Bilateral *	18.937	731.998
1) Thermal	192.295	6361.021	Include PX	0.866	145.144
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.266	184.723	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.936	342.086	1) MSEDCL	295.897	9648.712
4) Wind	39.965	845.072	2) Mumbai Discoms	55.378	1874.000
6) SOLAR	0.496	28.251	TOTAL STATE	351.275	11522.712
TOTAL STATE	252.958	7761.153			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4347	4349	4362	4214
MSPGCL Hydro	185	91	277	71
MSPGCL Gas	252	250	255	252
MSPGCL Total Generation	4784	4690	4894	4537
Central Sector Receipt	4584	4567	4776	2810
WIND	1661	1763	2008	1638
CPP / IPP	2439	2443	2395	2374
SOLAR	73	40	0	0
Exchange with Mumbai	-505	-862	-913	-275
MSEDCL DEMAND MET	13036	12641	13160	11084
Load Shedding	0	0	0	0
MSEDCL DEMAND	13036	12641	13160	11084
TPCL GENERATION	1356	1343	1189	887
R-INFRA GENERATION	513	513	513	513
MUMBAI DEMAND	2374	2718	2615	1675
STATE DEMAND MET	15410	15359	15775	12759
STATE DEMAND	15410	15359	15775	12759
Frequency (Hz)	49.95	50.00	49.84	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13:04 Hrs	49.62 Hz at 19:37 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 29/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.22	76.29	140	125
Unit 6	0.00	0.00	0	0
Unit 7	3.28	103.79	151	117
Unit 8	11.85	328.13	505	480
Total	18.36	508.21		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.90	112.24	170	160
Unit 4	9.02	244.74	380	370
Unit 5	9.09	277.82	390	370
Total	22.02	676.94		
Parli				
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 3	4.09	105.00	173	166
Unit 4	3.18	118.81	170	0
Unit 5	0.25	246.42	135	0
Unit 6	8.62	279.72	381	346
Unit 7	8.58	254.99	370	331
Unit 8	0.00	51.82	0	0
Total	24.72	1056.76		
Paras				
Unit 3	4.80	158.02	214	165
Unit 4	4.79	155.00	205	190
Total	9.59	313.02		
Khaparkheda				
Unit 1	0.00	88.32	0	0
Unit 2	3.88	110.72	165	155
Unit 3	3.99	114.94	168	164
Unit 4	3.93	113.48	167	160
Unit 5	9.44	261.64	402	385
Total	21.24	689.11		
Nasik				
Unit 3	4.00	107.48	170	165
Unit 4	0.00	74.62	0	0
Unit 5	4.02	119.55	173	164
Total	8.02	301.66		
Uran				
All Units	6.01	239.08	258	237
Total	6.01	239.08		
PENCH (MS)				
Pench (MS)	0.15	2.24	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	2.24		
Koyna				
Stage 1-2	1.06	38.80	50	40
Stage 4	0.00	11.70	0	0
Stage 3	0.21	14.23	80	0
Total	1.28	64.74		
Hydro				
KDPH	0.41	2.14	17	16
VTRNA	0.69	9.28	60	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	4.80	80	0
RNGR+BHTSA	0.09	4.07	9	0
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.58	0	0
GHATGHAR	0.00	24.09	0	0
Total	1.58	47.45		
Wind				
Total	39.96	845.07	0	0
Total	39.96	845.07		
CPP				
APML(Mus)	11.28	364.33	0	0
JSWEL(Mus)	19.47	578.22	0	0
VIPL(Mus)	10.11	332.93	0	0
RPLAMT(Mus)	9.98	494.95	0	0
WPCL(Mus)	4.44	114.22	0	0
Other(Mus)	3.39	127.64	0	0
Total	58.67	2012.30		
SOLAR				
Total	0.50	28.25	0	0
Total	0.50	28.25		
Tata				
Trombay 5	11.52	298.68	490	442
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	63.88	115	84
Trombay 7B	1.45	39.12	64	54
Trombay 8	5.86	160.09	248	231
TATA Hydro	7.41	72.54	447	15
Total	28.71	634.32		
R-INFRA				
1-2	12.32	324.52	514	512
Total	12.32	324.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.37	MSPGCL Thermal	103.94	3565.43	MSPGCL Total	112.81	3916.69
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	109.95	3804.51	Koyna 1,2 & 4 Total	1.06	50.51
Parli 8	0.00	0.00	MSPGCL Hydro	2.85	112.18	State Total	252.96	7761.15

Hourly Load Data As on 29/Jun/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	4358	65	243	4666	1998	2576	0	3840	2965	-411	11794	0	11794	1998	13792	50.02
2	4317	71	253	4641	1887	2550	0	2803	2633	-245	11466	0	11466	1845	13311	49.99
3	4188	76	243	4507	1811	2539	0	2560	2793	-279	11371	0	11371	1785	13156	49.98
4	4214	71	252	4537	1638	2374	0	2568	2810	-275	11084	0	11084	1675	12759	49.91
5	4257	66	253	4576	1492	2368	0	2932	3197	-274	11359	0	11359	1675	13034	49.98
6	4360	76	252	4688	1326	2367	0	3628	3809	-290	11900	0	11900	1742	13642	49.98
7	4361	71	255	4687	1293	2377	1	4607	4685	-386	12657	0	12657	1891	14548	49.96
8	4352	76	254	4682	1604	2374	24	4729	4663	-410	12937	0	12937	2047	14984	49.99
9	4369	129	255	4753	1594	2380	47	4573	4780	-448	13106	0	13106	2291	15397	49.98
10	4347	185	252	4784	1661	2439	73	4286	4584	-505	13036	0	13036	2374	15410	49.95
11	4312	197	252	4761	1422	2490	52	4805	4563	-617	12671	0	12671	2493	15164	49.95
12	4324	197	258	4779	1269	2497	42	5079	4773	-779	12581	0	12581	2650	15231	49.99
13	4324	117	254	4695	1220	2477	55	5069	4624	-832	12239	0	12239	2696	14935	49.99
14	4358	62	237	4657	1185	2484	54	4997	4497	-821	12056	0	12056	2687	14743	50.02
15	4363	62	250	4675	1239	2385	51	4902	4859	-851	12358	0	12358	2721	15079	50.01
16	4359	67	242	4668	1258	2401	44	4541	4993	-857	12507	0	12507	2717	15224	50.01
17	4349	91	250	4690	1763	2443	40	4322	4567	-862	12641	0	12641	2718	15359	50.00
18	4362	132	251	4745	1791	2481	12	3815	4093	-858	12264	0	12264	2710	14974	49.99
19	4339	232	257	4828	1997	2423	1	3977	4097	-832	12514	0	12514	2635	15149	49.96
20	4362	277	255	4894	2008	2395	0	4325	4776	-913	13160	0	13160	2615	15775	49.84
21	4367	207	240	4814	2192	2472	0	4564	4502	-877	13103	0	13103	2606	15709	49.91
22	4334	117	251	4702	2129	2505	0	3961	4009	-634	12711	0	12711	2431	15142	49.94
23	4343	117	251	4711	2112	2473	0	3817	3633	-551	12378	0	12378	2295	14673	49.98
24	4320	93	253	4666	2076	2396	0	3723	3412	-546	12004	0	12004	2081	14085	50.01
MUs	103.94	2.85	6.01	112.81	39.97	58.67	0.50	98.42	98.32	-14.35	295.90	0.00	295.90	55.38	351.27	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 29/Jun/2016

Position as on 6.30 Hrs of 30/Jun/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.	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkhedha Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
MSPGCL	Koyna Unit 8	80	29/06/2016	08.20		Continued.	Turbine Maintenance Work.	
MSPGCL	Koyna STG- IV Unit - 1	250	29/06/2016	09.00		Continued.	Attending Servo Motor Oil Leakage(15 Days).	
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	
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	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
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-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	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13	30/06/2016	05.27	Low furnace pressure	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	

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

Position as on 6.30 Hrs of 30/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	
MSPGCL	Uran Unit B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43		Continued.	Maintenance work	
MSPGCL	Chandrapur Unit-8	500	28/06/2016	07.07	30/06/2016	01.16	M.S.Temperature Low	
MSPGCL	Chandrapur Unit 4	210	28/06/2016	14.42	29/06/2016	03.54	Turbine Tripped	
MSPGCL	Chandrapur Unit 5	500	29/06/2016	01.45		Continued.	Air heater problem	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero schedule by MSEDCL	
MSPGCL	Chandrapur Unit 9	500	30/06/2016	05.45		Continued.	Drum level low	

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

Statement-VII

Position as on 6.30 Hrs of 30/Jun/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	29/06/2016	00.29	29/06/2016	03.43	T	AC Conductor Ground Protection Operated
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	28/06/2016	17.42		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	28/06/2016	17.57	29/06/2016	10.39	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/06/2016	02.22	29/06/2016	10.15	T	Over Voltage
Chandrapur II - Dhariwal -I	InterState	29/06/2016	09.07		Continued.	PO	Quarterly Maintanance Work
Kolhapur Solapur(PG) I	InterState	29/06/2016	11.32		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	30/06/2016	02.52	30/06/2016	06.30	T	Over Voltage
Dhule Sar'Sarovar II	InterState	30/06/2016	04.00	30/06/2016	06.30	T	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	21/06/2016	16.51		Continued.	HT	To Control Load on Padgha-BBLSR Line
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/06/2016	18.29		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/06/2016	22.07	29/06/2016	07.54	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	28/06/2016	23.59		Continued.	T	Over Voltage
Parly(MS)- Nanded	IntraState	29/06/2016	02.27	29/06/2016	03.55	T	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	29/06/2016	12.34	29/06/2016	13.05	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	29/06/2016	22.04		Continued.	HT	Over Voltage
Parly(MS)- Nanded	IntraState	30/06/2016	03.26	30/06/2016	05.30	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
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).
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Theur-Phursungi	IntraState	28/06/2016	09.48		Continued.	PO	Taken on TBC at Theur
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Kalwa Salsette III	IntraState	29/06/2016	00.59		Continued.	EO	Attending Tilted Tower work
Dahanu-Viraj	IntraState	29/06/2016	09.11	29/06/2016	22.08	HT	To Control Kalwa-Borivali Line Loading.
Trombay Salsette 1 Backbay	IntraState	29/06/2016	11.05		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Halkarni-Mahalaxmiline	IntraState	29/06/2016	11.22	29/06/2016	13.57	PO	Relay Testing Work.
Mahape - TIFIL	IntraState	29/06/2016	13.30	29/06/2016	14.30	PO	Routine Maintenance Work
Midc Chandrapur-Gadchandur	IntraState	29/06/2016	18.54	29/06/2016	20.06	T	Bus Bar Protection Operated
Gadchandur - Virur-I	IntraState	29/06/2016	18.54	29/06/2016	19.36	T	Bus Bar Protection Operated
Gadchandur - Virur-II	IntraState	29/06/2016	18.54	29/06/2016	19.36	T	Bus Bar Protection Operated
220 KV ICT Outages/Trippings							

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 29/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	29/06/2016	18.54	29/06/2016	19.51	T	Bus Bar Protection Operated
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	29/06/2016	18.54	29/06/2016	19.47	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Hinganghat-Ismt-Ckt1	IntraState	29/06/2016	12.48	29/06/2016	17.15	T	Distance Protection
Hinganghat-Ismt-Ckt 2	IntraState	29/06/2016	13.08	29/06/2016	17.14	HT	To Attend the Work of Ckt-1 Breakdown.
Waghala (Nanded2) - Tamsa	IntraState	29/06/2016	14.58	29/06/2016	20.58	T	Sparking Observed due to Lighitening.
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 1 Line	IntraState	29/06/2016	11.28		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Vasai-Ii - Vasai 2 Line	IntraState	29/06/2016	11.30		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.

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