

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jun/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.647	2213.355	1) Gujrat	-1.699	-38.113
2) Hydro	4.748	83.100	2) Madhya Pradesh	8.879	159.828
3) Gas	9.526	142.190	3) Chattisgarh	6.660	98.910
Total MSPGCL	145.921	2438.645	4) Maharashtra Net	96.935	1511.168
B) 1) APML	52.568	687.383	5) Goa (Amona)	-0.374	-6.270
2) JSWEL	16.361	233.385	Total	110.401	1725.523
3) VIPL	6.498	92.575	a) Mumbai Schedule	27.198	419.827
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	32.322	487.293
5) WPCL	4.214	53.055	c) MSEDCL Bilateral *	12.958	292.412
6) PGPL	0.000	0.000	Include PX	-3.611	32.864
7) Other IPP	2.855	48.326	d) Mumbai Bilateral *	27.198	419.699
C) 1) TPCL Thermal	14.941	212.542	Include PX	7.810	111.142
2) TPCL Hydro	4.828	59.209	Include Standby	0.000	0.128
3) TPCL Gas	4.466	66.177	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.090	150.112	1) MSEDCL	330.355	5230.838
D) STATE			2) Mumbai Discoms	66.647	975.334
1) Thermal	239.174	3805.856	TOTAL STATE	397.002	6206.172
(A1+C1+C4+(B1-B6))					
2) Hydro	9.576	142.309			
(A2+C2)					
3) Gas	13.992	208.367			
(A3+B6+C3)					
4) Wind	22.618	304.174			
6) SOLAR	1.241	19.942			
TOTAL STATE	286.601	4480.648			

* 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 4 Hrs
MSPGCL Thermal	5617	5396	5752	5267
MSPGCL Hydro	162	129	151	56
MSPGCL Gas	394	395	387	405
MSPGCL Total Generation	6173	5920	6290	5728
Central Sector Receipt	4830	4811	4711	3898
WIND	867	1613	1240	902
CPP / IPP Thermal	3831	3248	3097	3556
CPP / IPP Gas	0	0	0	0
SOLAR	157	112	0	0
Exchange with Mumbai	-1616	-1599	-1393	-1022
MSEDCL DEMAND MET	14242	14105	13945	13062
Load Shedding	0	0	0	0
MSEDCL DEMAND	14242	14105	13945	13062
TPCL GENERATION	1226	1245	1109	708
R-INFRA GENERATION	388	387	436	388
MUMBAI DEMAND	3230	3231	2938	2118
STATE DEMAND MET	17472	17336	16883	15180
STATE DEMAND	17472	17336	16883	15180
Frequency (Hz)	49.98	49.98	49.91	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.57 Hrs	49.75 Hz at 14.43 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/Jun/2017

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	3.31	42.97	140	130
Unit 8	8.26	87.48	350	339
Unit 9	9.14	136.82	458	350
Unit 10	8.82	124.92	430	310
Total	29.52	392.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	8.96	139.50	400	350
Unit 5	0.00	121.91	0	0
Total	8.96	310.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	2.94	12.10	203	0
Total	2.94	137.89		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.49	65.40	194	167
Unit 5	9.45	134.09	410	365
Unit 6	9.89	140.70	430	370
Unit 7	10.20	134.77	450	356
Unit 8	9.19	129.12	410	355
Unit 9	10.10	136.63	500	320
Total	53.32	760.44		
Paras				
Unit 3	5.17	71.77	248	186
Unit 4	5.28	71.82	245	185
Total	10.45	143.59		
Khaparkheda				
Unit 1	2.46	49.26	150	65
Unit 2	0.00	49.37	0	0
Unit 3	2.44	52.53	165	0
Unit 4	3.23	45.56	159	108
Unit 5	10.04	146.47	480	370
Total	18.16	343.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	63.06	202	160
Unit 5	4.14	62.93	200	158
Total	8.28	125.99		
Uran				
All Units	9.53	142.19	415	371
Total	9.53	142.19		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.03	0.76	20	0
Total	0.03	0.76		
Koyna				
Stage 1-2	2.62	34.98	420	40
Stage 4	0.00	5.55	0	0
Stage 3	0.30	10.13	80	0
Total	2.92	50.66		
Hydro				
KDPH	0.25	3.45	11	10
VTRNA	0.98	13.15	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.56	40	0
RNGR+BHTSA	0.00	2.68	0	0
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.36	0	0
GHATGHAR	0.38	7.49	155	0
Total	1.83	32.44		
Wind				
Total	22.62	304.17	0	0
Total	22.62	304.17		
CPP				
APML(Mus)	52.57	687.38	0	0
JSWEL(Mus)	16.36	233.38	0	0
VIPL(Mus)	6.50	92.58	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.21	53.06	0	0
Other(Mus)	2.86	48.33	0	0
Total	82.50	1229.85		
SOLAR				
Total	1.24	19.94	0	0
Total	1.24	19.94		
Tata				
Trombay 5	9.83	135.03	490	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	42.82	122	112
Trombay 7B	1.58	23.36	67	63
Trombay 8	5.11	77.51	244	199
TATA Hydro	4.83	59.21	459	0
Total	24.24	337.93		
R-INFRA				
DTPS U-1&2	10.09	150.11	507	387
Total	10.09	150.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.65	2213.36	MSPGCL Total	145.92	2438.64
			MSPGCL Thml+Gas	141.17	2355.54	Koyna 1,2 & 4 Total	2.62	40.53
			MSPGCL Hydro	4.75	83.10	State Total	286.60	4480.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Jun/2017

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			THM	GAS										
1	5389	74	401	5864	715	3688	0	0	4711	4646	-1162	13751	0	13751	2459	16210	49.95
2	5424	51	403	5878	687	3636	0	0	4491	4412	-1183	13430	0	13430	2322	15752	49.98
3	5328	51	393	5772	888	3626	0	0	4263	4192	-1092	13386	0	13386	2192	15578	49.96
4	5267	56	405	5728	902	3556	0	0	4187	3898	-1022	13062	0	13062	2118	15180	50.00
5	5123	56	405	5584	879	3390	0	0	4139	4350	-1001	13202	0	13202	2102	15304	49.98
6	5310	373	407	6090	841	3255	0	0	3914	4628	-1046	13768	0	13768	2165	15933	49.99
7	5487	476	415	6378	827	3578	0	4	4307	4224	-848	14163	0	14163	2199	16362	49.99
8	5440	206	406	6052	886	3711	0	36	4449	4617	-947	14355	0	14355	2341	16696	50.02
9	5536	119	391	6046	991	3808	0	80	4491	4397	-1390	13932	0	13932	2739	16671	50.02
10	5552	157	397	6106	885	3859	0	132	4662	4540	-1392	14130	0	14130	2953	17083	50.00
11	5617	162	394	6173	867	3831	0	157	4981	4830	-1616	14242	0	14242	3230	17472	49.98
12	5530	125	385	6040	743	3734	0	181	5130	5082	-1614	14166	0	14166	3232	17398	49.94
13	5553	212	395	6160	890	3686	0	170	5113	4865	-1679	14092	0	14092	3232	17324	50.01
14	5506	201	392	6099	842	3475	0	149	5040	5066	-1640	13991	0	13991	3180	17171	49.97
15	5511	196	371	6078	1009	3330	0	117	4970	5086	-1640	13980	0	13980	3232	17212	49.91
16	5396	129	395	5920	1613	3248	0	112	4944	4811	-1599	14105	0	14105	3231	17336	49.98
17	5178	130	394	5702	1263	3034	0	65	4529	4631	-1600	13095	0	13095	3228	16323	49.96
18	5333	491	396	6220	1434	2739	0	30	4106	4749	-1502	13670	0	13670	3123	16793	49.96
19	5660	149	398	6207	1380	2924	0	8	4599	4213	-1495	13237	0	13237	2983	16220	49.98
20	5752	151	387	6290	1240	3097	0	0	4650	4711	-1393	13945	0	13945	2938	16883	49.91
21	5691	148	399	6238	890	3258	0	0	4657	4744	-1379	13751	0	13751	2934	16685	49.95
22	5676	306	389	6371	667	3360	0	0	4516	4578	-1295	13681	0	13681	2842	16523	49.93
23	5699	305	404	6408	674	3347	0	0	4410	4875	-1396	13908	0	13908	2852	16760	49.96
24	5689	424	404	6517	605	3326	0	0	4199	4256	-1391	13313	0	13313	2820	16133	49.94
MUs	131.65	4.75	9.53	145.92	22.62	82.50	0.00	1.24	109.46	110.40	-32.32	330.36	0.00	330.36	66.65	397.00	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/Jun/2017

Position as on 6.30 Hrs of 16/Jun/2017

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	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	BTL(Converted to Zero schedule by MSEDCL. from 19.02 Hrs Dt.01.06.2017.	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule.	
IPP	Adani U-2	660	12/06/2017	21.43		Continued.	PA Duct Bellow leakage	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Jun/2017

Position as on 6.30 Hrs of 16/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	14/06/2017	01.20		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	15/06/2017	11.29	15/06/2017	17.59	Flame Failure	
IPP	Adani U-1	660	15/06/2017	17.27		Continued.	IP Turbine Peripheral Leakage	
MSPGCL	Khaparkheda Unit 3	210	15/06/2017	18.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	14/06/2017	19.04		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshwar.
Bhusawal-Aurangabad	IntraState	12/06/2017	18.06		Continued.	HT	Over Voltage
Main Bus 1@Nagothane	IntraState	14/06/2017	09.56	15/06/2017	02.05	PO	erection of cvts & rmw.
Girwali-Solapur (Lamboti)	IntraState	14/06/2017	15.11	15/06/2017	09.25	EO	Attending Hot Spot
karad -kolhapur-I	IntraState	14/06/2017	21.25	15/06/2017	10.42	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/06/2017	21.29		Continued.	HT	Over Voltage
Girwali - Lonikand 1	IntraState	15/06/2017	11.20		Continued.	PO	Line Maintenance work
Nagothane - Dabhol I	IntraState	15/06/2017	12.37	15/06/2017	13.11	T	Tripped from Dabhol end
Main Bus-2 @Nagothane S/st.	IntraState	15/06/2017	12.38	15/06/2017	19.12	PO	Isolator Maint.work
karad -kolhapur-I	IntraState	15/06/2017	16.35		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	15/06/2017	18.40		Continued.	T	Over Voltage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Lamboti -Solapur li(Bale) Ckt- li	IntraState	14/06/2017	08.35	15/06/2017	09.13	PO	earthwire stringing work on multi circuit tower.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	14/06/2017	08.35	15/06/2017	09.08	PO	earthwire stringing work on multi circuit tower.
Lamboti - Pandharpur li	IntraState	14/06/2017	08.41	15/06/2017	09.00	PO	earthwire stringing work on multi circuit tower.
Lamboti(solapur)-Karkamb	IntraState	14/06/2017	08.48	15/06/2017	09.03	PO	earthwire stringing work on multi circuit tower.
New Koyna - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Nanded-Ghatodi	IntraState	15/06/2017	08.48	15/06/2017	15.18	PO	Tan Delta Measurment of CTs
Ambazari-Amravati	IntraState	15/06/2017	08.48	15/06/2017	16.15	PO	Repl.of damaged Disc insulator
Chalisgaon -Babhaleshwar	IntraState	15/06/2017	10.02	15/06/2017	16.46	PO	Line Maintenance work
Raymond - Washala	IntraState	15/06/2017	10.37	15/06/2017	14.40	PO	Line Maintenance work
Karad(400kv) - Ogalewadi Ckt 2	IntraState	15/06/2017	10.50	15/06/2017	15.02	PO	Line Maintenance work
Lonikand-II- Kathapur	IntraState	15/06/2017	12.10	15/06/2017	15.00	PO	Half yearly maintenance work
Parli New Tps - Beed Ckt 2	IntraState	15/06/2017	20.10	15/06/2017	20.45	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)
220/100 kV 200 MVA ICT II @Padghe	IntraState	15/06/2017	10.26	15/06/2017	13.10	PO	Pre Monsoon Maint.work
220/100 KV 200MVA ICT II @ Pal	IntraState	15/06/2017	11.15	15/06/2017	13.40	PO	Pre Monsoon maint.work
132 KV LINE 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 15/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Harangul - Nilanga	IntraState	15/06/2017	18.31	15/06/2017	18.46	T	Distance Protection