

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.783	1697.117	1) Gujrat	2.875	65.082
2) Hydro	3.995	119.060	2) Madhya Pradesh	17.236	236.231
3) Gas	10.080	129.744	3) Chattisgarh	5.300	79.910
Total MSPGCL	160.858	1945.921	4) Maharashtra Net	102.207	1302.232
B) 1) APML	29.516	682.295	5) Goa (Amona)	-0.418	-6.204
2) JSWEL	14.989	191.673	Total	127.200	1677.251
3) VIPL	7.467	82.206	a) Mumbai Schedule	18.927	287.000
4) RPL(AMT)	22.514	62.860	b) Mumbai Drawl	22.872	333.755
5) WPCL	2.019	42.320	c) MSEDCL Bilateral *	27.697	299.141
6) PGPL	0.000	0.000	Include PX	4.280	74.829
7) Other IPP	3.680	43.764	d) Mumbai Bilateral *	18.927	287.000
C) 1) TPCL Thermal	14.755	200.380	Include PX	4.161	90.861
2) TPCL Hydro	1.691	61.139	Include Standby	0.000	0.000
3) TPCL Gas	3.478	52.556	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.997	138.301	1) MSEDCL	380.648	4790.941
D) STATE			2) Mumbai Discoms	52.793	786.127
1) Thermal	251.720	3140.916	TOTAL STATE	433.441	5577.068
(A1+C1+C4+(B1-B6))					
2) Hydro	5.686	180.199			
(A2+C2)					
3) Gas	13.558	182.300			
(A3+B6+C3)					
4) Wind	33.585	373.186			
6) SOLAR	1.692	23.220			
TOTAL STATE	306.241	3899.821			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6309	6288	6290	5817
MSPGCL Hydro	332	308	270	63
MSPGCL Gas	427	419	418	430
MSPGCL Total Generation	7068	7015	6978	6310
Central Sector Receipt	6416	6059	4430	4575
WIND	1377	1323	1246	1443
CPP / IPP Thermal	3396	3400	3395	3340
CPP / IPP Gas	0	0	0	0
SOLAR	192	281	0	0
Exchange with Mumbai	-1047	-945	-888	-953
MSEDCL DEMAND MET	17402	17133	15161	14715
Load Shedding	0	0	0	0
MSEDCL DEMAND	17402	17133	15161	14715
TPCL GENERATION	926	929	1004	645
R-INFRA GENERATION	400	500	476	377
MUMBAI DEMAND	2373	2374	2368	1975
STATE DEMAND MET	19775	19507	17529	16690
STATE DEMAND	19775	19507	17529	16690
Frequency (Hz)	49.95	49.96	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 16.31 Hrs	49.84 Hz at 12.12 Hrs	49.98	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 13/Aug/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	0.00	0.00	0	0
Unit 8	10.70	65.62	520	190
Unit 9	12.75	153.18	557	460
Unit 10	12.97	158.04	590	460
Total	36.41	376.84		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.30	8.13	190	160
Unit 4	11.29	146.38	505	370
Unit 5	0.00	0.00	0	0
Total	15.59	154.51		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.50	22.91	250	164
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	5.50	22.91		
Chandrapur				
Unit 3	4.71	60.14	200	165
Unit 4	4.42	56.82	190	160
Unit 5	9.88	100.91	435	385
Unit 6	9.66	115.46	415	365
Unit 7	9.92	129.93	427	360
Unit 8	0.00	120.18	0	0
Unit 9	11.75	139.24	500	464
Total	50.34	722.69		
Paras				
Unit 3	5.88	72.90	258	190
Unit 4	5.67	73.32	250	190
Total	11.55	146.22		
Khaparkheda				
Unit 1	4.02	26.31	180	145
Unit 2	3.90	22.37	190	140
Unit 3	3.49	20.25	160	142
Unit 4	0.00	0.00	0	0
Unit 5	11.72	145.52	500	360
Total	23.14	214.46		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.25	19.57	204	158
Unit 5	0.00	1.46	0	0
Total	4.25	59.50		
Uran				
All Units	10.08	129.74	430	406
Total	10.08	129.74		
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)	0.09	0.69	48	0
Total	0.09	0.69		
Koyna				
Stage 1-2	1.99	39.52	240	40
Stage 4	0.26	36.10	211	0
Stage 3	0.84	20.62	160	0
Total	3.09	96.24		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.00	4.93	0	0
TILLARI	0.00	0.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	5.32	80	0
RNGR+BHTSA	0.00	2.14	0	0
BHANDARDRA	0.34	4.45	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.19	4.14	9	8
GHATGHAR	0.00	0.00	0	0
Total	0.90	22.82		
Wind				
Total	33.58	373.19	0	0
Total	33.58	373.19		
CPP				
APML(Mus)	29.52	682.30	0	0
JSWEL(Mus)	14.99	191.67	0	0
VIPL(Mus)	7.47	82.21	0	0
RPLAMT(Mus)	22.51	62.86	0	0
WPCL(Mus)	2.02	42.32	0	0
Other(Mus)	3.68	43.76	0	0
Total	80.18	1105.12		
SOLAR				
Total	1.69	23.22	0	0
Total	1.69	23.22		
Tata				
Trombay 5	9.59	129.47	489	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.08	32.64	115	64
Trombay 7B	1.39	19.92	67	51
Trombay 8	5.17	70.91	246	198
TATA Hydro	1.69	61.14	395	0
Total	19.92	314.08		
R-INFRA				
DTPS U-1&2	10.00	138.30	502	373
Total	10.00	138.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.78	1697.12	MSPGCL Total	160.86	1945.92
			MSPGCL Thml+Gas	156.86	1826.86	Koyna 1,2 & 4 Total	2.25	75.62
			MSPGCL Hydro	4.00	119.06	State Total	306.24	3899.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Aug/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	5931	155	409	6495	1384	3561	0	0	5029	4971	-1130	15281	0	15281	2483	17764	49.95
2	5990	63	419	6472	1444	3352	0	0	4822	4906	-996	15178	0	15178	2086	17264	49.98
3	5817	63	430	6310	1443	3340	0	0	4684	4575	-953	14715	0	14715	1975	16690	50.00
4	5751	78	419	6248	1550	3305	0	0	4625	4647	-910	14840	0	14840	1918	16758	50.00
5	5772	63	420	6255	1576	3304	0	0	4915	4891	-900	15126	0	15126	1910	17036	50.00
6	6239	63	429	6731	1384	3311	0	0	5217	5277	-924	15779	0	15779	1935	17714	49.98
7	6277	77	419	6773	1211	3296	0	15	6069	6218	-903	16610	0	16610	1910	18520	49.98
8	6258	182	429	6869	1178	3262	0	54	6308	6505	-949	16919	0	16919	1964	18883	50.01
9	6136	335	419	6890	1296	3458	0	107	6184	6406	-832	17325	0	17325	2100	19425	49.99
10	6132	230	406	6768	1413	3467	0	153	5780	5650	-843	16608	0	16608	2232	18840	49.99
11	6205	139	414	6758	1435	3472	0	205	5726	5815	-1063	16622	0	16622	2324	18946	49.95
12	6309	332	427	7068	1377	3396	0	192	5874	6416	-1047	17402	0	17402	2373	19775	49.95
13	6288	308	419	7015	1323	3400	0	281	5896	6059	-945	17133	0	17133	2374	19507	49.96
14	6315	142	415	6872	1431	3454	0	226	5819	5891	-876	16998	0	16998	2305	19303	50.01
15	6331	100	427	6858	1644	3454	0	195	5934	5658	-899	16910	0	16910	2281	19191	50.00
16	6292	102	415	6809	1550	3477	0	150	5688	5737	-998	16725	0	16725	2243	18968	50.01
17	6217	197	415	6829	1597	3440	0	84	4968	5205	-959	16196	0	16196	2203	18399	50.01
18	5442	262	416	6120	1509	3130	0	27	4873	5423	-1073	15136	0	15136	2187	17323	50.00
19	5963	234	416	6613	1511	3241	0	3	4807	4713	-1100	14981	0	14981	2257	17238	50.01
20	6290	270	418	6978	1246	3395	0	0	4840	4430	-888	15161	0	15161	2368	17529	49.96
21	6273	164	430	6867	1239	3385	0	0	4412	4201	-682	15010	0	15010	2374	17384	49.97
22	6273	152	422	6847	1282	3140	0	0	4214	4288	-807	14750	0	14750	2361	17111	49.98
23	6215	142	418	6775	1314	3080	0	0	4229	4325	-973	14521	0	14521	2325	16846	49.93
24	6067	142	429	6638	1248	3065	0	0	4806	4993	-1222	14722	0	14722	2305	17027	49.93
MUs	146.78	4.00	10.08	160.86	33.58	80.18	0.00	1.69	125.72	127.20	-22.87	380.65	0.00	380.65	52.79	433.44	49.98

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 13/Aug/2017

Position as on 6.30 Hrs of 14/Aug/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkhedha Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
CPP	SWPGL U-3	135	13/08/2017	11.05	13/08/2017	12.40	Furnace Pressure High	
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.	Shutdown	
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	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL, schedule issued on 00:00hrs of 09.08.2017 but synchronization delayed.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Aug/2017

Position as on 6.30 Hrs of 14/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
IPP	JSW (J) U4	300	05/08/2017	20.30		Continued.	Turbine shaft Vibration high.	
CPP	SWPGL U-3	135	06/08/2017	06.57		Continued.	Flame Failure	
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00		Continued.	ID Fan Problem converted to zero schedule from 19:00Hrs of 11.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit-8	500	11/08/2017	21.42	14/08/2017	03.07	Boiler Tube Leakage	
CPP	SWPGL U-4	135	11/08/2017	23.23		Continued.	Y ph ct of bhugoan ckt burst.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 14/Aug/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 II	InterState	12/08/2017	19.12		Continued.	HT	Over Voltage
Parli (Pg) Wardha (Pg) li	InterState	13/08/2017	15.05	13/08/2017	18.08	PO	Work Of Power Grid
Ektuni-Bableshwar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
karad -kolhapur-I	IntraState	12/08/2017	17.12		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	12/08/2017	17.15		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/08/2017	19.15	13/08/2017	07.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/08/2017	19.15	13/08/2017	07.30	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	13/08/2017	09.40	13/08/2017	18.33	PO	Placement Of Y Ph Damaged Jumper
Padghe - Kalwa-II	IntraState	13/08/2017	10.04	13/08/2017	20.08	PO	Faulty Insulator Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	13/08/2017	18.49	13/08/2017	06.54	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	08/08/2017	06.15		Continued.	PO	REPLACEMENT OF Y PHASE UNIT(outage for 11 Days)
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
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.
Borivali - Tarapur	InterState	12/08/2017	12.50		Continued.	PO	Dp,D-22%,R-Y TO E,Conductor Snapped At Loc No 198
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.
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Pedhambe - Oni	IntraState	10/08/2017	09.05	13/08/2017	16.34	PO	Breaker Overhauling Work
Bhosari 2 - Telco	IntraState	12/08/2017	23.57	13/08/2017	09.36	EO	cb maintenance work due to air leakage.
Mulund - GIS Bhandup	IntraState	13/08/2017	05.56	13/08/2017	10.18	PO	project work for 220kv bus coupler.
Kalwa - Mulund 2	IntraState	13/08/2017	06.16	13/08/2017	11.36	PO	project work for 220kv bus coupler.
REL Borivali MSETCL Borivali Line-2	IntraState	13/08/2017	08.57	13/08/2017	11.48	PO	Annual Maintenance Work
Trombay - Mulund	IntraState	13/08/2017	11.43	13/08/2017	15.50	PO	Replacement Of Jumper At Location No198
REL Borivali MSETCL Borivali Line-1	IntraState	13/08/2017	11.55	13/08/2017	13.57	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)
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Tamsa	IntraState	13/08/2017	05.00	13/08/2017	05.13	T	Distance Protection
Solapur II(Bale)-Naldurg	IntraState	13/08/2017	12.59	13/08/2017	13.20	T	9Mw Solar Total 230 Me Load Affected

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