

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Aug/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.565	1136.309	1) Gujrat	4.067	45.758
2) Hydro	14.967	87.629	2) Madhya Pradesh	18.722	162.119
3) Gas	10.061	89.460	3) Chattisgarh	6.230	58.380
Total MSPGCL	163.593	1313.398	4) Maharashtra Net	103.994	879.338
B) 1) APML	55.885	526.777	5) Goa (Amona)	-0.484	-4.312
2) JSWEL	12.742	132.486	Total	132.529	1141.283
3) VIPL	7.459	52.414	a) Mumbai Schedule	23.279	198.231
4) RPL(AMT)	1.869	1.869	b) Mumbai Drawl	25.147	232.600
5) WPCL	2.116	31.221	c) MSEDCL Bilateral *	19.317	192.168
6) PGPL	0.000	0.000	Include PX	4.912	41.068
7) Other IPP	2.710	29.897	d) Mumbai Bilateral *	23.279	198.231
C) 1) TPCL Thermal	17.133	137.645	Include PX	7.164	65.105
2) TPCL Hydro	5.805	44.691	Include Standby	0.000	0.000
3) TPCL Gas	4.028	36.429	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.516	95.785	1) MSEDCL	376.300	3279.376
D) STATE			2) Mumbai Discoms	63.629	547.149
1) Thermal	249.995	2144.403	TOTAL STATE	439.929	3826.525
(A1+C1+C4+(B1-B6))					
2) Hydro	20.772	132.320			
(A2+C2)					
3) Gas	14.089	125.889			
(A3+B6+C3)					
4) Wind	20.995	267.009			
6) SOLAR	1.549	15.622			
TOTAL STATE	307.400	2685.243			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5735	5752	5897	5738
MSPGCL Hydro	1225	1105	229	127
MSPGCL Gas	418	413	414	443
MSPGCL Total Generation	7378	7270	6540	6308
Central Sector Receipt	6349	6280	5093	4661
WIND	772	1032	1072	898
CPP / IPP Thermal	3299	3410	3559	3450
CPP / IPP Gas	0	0	0	0
SOLAR	184	157	3	0
Exchange with Mumbai	-1416	-1316	-1258	-637
MSEDCL DEMAND MET	16566	16833	15009	14680
Load Shedding	0	0	0	0
MSEDCL DEMAND	16566	16833	15009	14680
TPCL GENERATION	1319	1309	1249	854
R-INFRA GENERATION	500	505	373	502
MUMBAI DEMAND	3235	3130	2880	1993
STATE DEMAND MET	19801	19963	17889	16673
STATE DEMAND	19801	19963	17889	16673
Frequency (Hz)	49.96	49.93	49.90	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.73 Hz at 19.28 Hrs	49.96	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 09/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	0.00	54.66	0	0
Unit 9	12.01	103.27	536	459
Unit 10	12.41	108.58	545	470
Total	24.42	266.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	12.13	99.24	515	500
Unit 5	0.00	0.00	0	0
Total	12.13	99.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.60	0.60	133	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.60	0.60		
Chandrapur				
Unit 3	4.72	41.11	201	185
Unit 4	4.39	39.25	187	178
Unit 5	9.66	62.21	425	379
Unit 6	9.24	77.26	420	346
Unit 7	9.88	91.76	425	388
Unit 8	11.89	99.40	500	450
Unit 9	11.10	94.61	484	432
Total	60.86	505.60		
Paras				
Unit 3	5.65	49.86	244	211
Unit 4	5.76	50.18	253	200
Total	11.41	100.04		
Khaparkheda				
Unit 1	4.12	10.66	175	165
Unit 2	3.74	5.92	170	125
Unit 3	3.53	5.90	160	135
Unit 4	0.00	0.00	0	0
Unit 5	11.76	100.21	500	420
Total	23.15	122.69		
Nasik				
Unit 3	4.28	38.47	195	132
Unit 4	1.72	1.72	172	0
Unit 5	0.00	1.46	0	0
Total	6.00	41.64		
Uran				
All Units	10.06	89.46	443	406
Total	10.06	89.46		
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)	0.06	0.48	40	0
Total	0.06	0.48		
Koyna				
Stage 1-2	4.71	30.03	385	50
Stage 4	6.42	24.71	742	0
Stage 3	2.63	14.18	240	0
Total	13.76	68.91		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.17	4.93	61	0
TILLARI	0.00	0.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	3.66	80	0
RNGR+BHTSA	0.12	1.93	17	0
BHANDARDRA	0.34	3.08	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	3.37	7	6
GHATGHAR	0.00	0.00	0	0
Total	1.20	18.72		
Wind				
Total	21.00	267.01	0	0
Total	21.00	267.01		
CPP				
APML(Mus)	55.88	526.78	0	0
JSWEL(Mus)	12.74	132.49	0	0
VIPL(Mus)	7.46	52.41	0	0
RPLAMT(Mus)	1.87	1.87	0	0
WPCL(Mus)	2.12	31.22	0	0
Other(Mus)	2.71	29.90	0	0
Total	82.78	774.66		
SOLAR				
Total	1.55	15.62	0	0
Total	1.55	15.62		
Tata				
Trombay 5	11.34	88.54	493	321
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	22.62	116	64
Trombay 7B	1.53	13.81	68	51
Trombay 8	5.79	49.10	248	202
TATA Hydro	5.80	44.69	431	0
Total	26.97	218.76		
R-INFRA				
DTPS U-1&2	11.52	95.78	505	373
Total	11.52	95.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.56	1136.31	MSPGCL Total	163.59	1313.40
			MSPGCL Thml+Gas	148.63	1225.77	Koyna 1,2 & 4 Total	11.13	54.74
			MSPGCL Hydro	14.97	87.63	State Total	307.40	2685.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5661	362	419	6442	897	3465	0	0	4493	4757	-804	14757	0	14757	2350	17107	49.97
2	5670	228	419	6317	828	3447	0	0	4549	4950	-692	14850	0	14850	2106	16956	50.00
3	5738	127	443	6308	898	3450	0	0	4503	4661	-637	14680	0	14680	1993	16673	50.04
4	5737	97	422	6256	881	3462	0	0	4466	5254	-750	15103	0	15103	1906	17009	50.00
5	5750	126	424	6300	825	3486	0	0	4734	5341	-858	15094	0	15094	1878	16972	49.92
6	5768	413	424	6605	770	3485	0	1	5115	5752	-740	15873	0	15873	2028	17901	49.98
7	5729	762	433	6924	814	3490	0	23	6202	6246	-732	16765	0	16765	2118	18883	49.95
8	5706	775	423	6904	720	3483	0	65	6426	6666	-753	17085	0	17085	2227	19312	49.99
9	5638	736	417	6791	784	3431	0	131	6414	6601	-1055	16683	0	16683	2621	19304	50.00
10	5632	1404	417	7453	854	3378	0	196	5842	5820	-1220	16481	0	16481	2948	19429	50.00
11	5610	1226	411	7247	796	3320	0	204	6060	6067	-1373	16261	0	16261	3170	19431	49.93
12	5735	1225	418	7378	772	3299	0	184	6188	6349	-1416	16566	0	16566	3235	19801	49.96
13	5738	1290	412	7440	602	3286	0	192	6194	6475	-1373	16622	0	16622	3191	19813	49.96
14	5767	1256	406	7429	712	3341	0	182	6086	6276	-1287	16653	0	16653	3088	19741	49.95
15	5752	1105	413	7270	1032	3410	0	157	6091	6280	-1316	16833	0	16833	3130	19963	49.93
16	5796	867	410	7073	1368	3432	0	111	6172	5984	-1312	16656	0	16656	3118	19774	49.93
17	5881	352	411	6644	1222	3461	0	73	5637	6022	-1310	16112	0	16112	3097	19209	49.98
18	5879	312	413	6604	1244	3510	0	27	5156	5701	-1446	15640	0	15640	3006	18646	49.96
19	5897	229	414	6540	1072	3559	0	3	5022	5093	-1258	15009	0	15009	2880	17889	49.90
20	5939	589	419	6947	965	3591	0	0	4746	4376	-1110	14769	0	14769	2885	17654	49.83
21	5913	413	429	6755	880	3578	0	0	4455	4384	-1014	14583	0	14583	2821	17404	49.91
22	5923	371	420	6714	734	3478	0	0	4355	4530	-918	14538	0	14538	2711	17249	49.92
23	5874	341	420	6635	621	3471	0	0	4262	4280	-830	14177	0	14177	2633	16810	49.91
24	5832	361	424	6617	704	3472	0	0	4267	4664	-943	14514	0	14514	2489	17003	50.00
MUs	138.57	14.97	10.06	163.59	20.99	82.78	0.00	1.55	127.44	132.53	-25.15	376.30	0.00	376.30	63.63	439.93	49.96

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 09/Aug/2017

Position as on 6.30 Hrs of 10/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)	
MSPGCL	Koradi Unit-8	660	06/08/2017	00.05		Continued.	RAPH 8A and 8B work, Hot air ducts inspection and repair 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	
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(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
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-3	270	05/06/2017	14.31	10/08/2017	01.17	swapping with unit-5(converted to Zero	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Aug/2017

Position as on 6.30 Hrs of 10/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Schedule from 00.00Hrs DT.15th Jun 17)	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24	09/08/2017	13.00	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
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	09/08/2017	16.25	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28	09/08/2017	11.08	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
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	
CPP	SWPGL U-4	135	09/08/2017	11.25	09/08/2017	13.02	ID Fan Problem	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 10/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
Karad - Jaigad - II	IntraState	03/08/2017	13.08	09/08/2017	08.22	HT	Over Voltage
karad -kolhapur-I	IntraState	08/08/2017	16.38	09/08/2017	09.10	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/08/2017	18.11	09/08/2017	06.42	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	09/08/2017	08.34		Continued.	PO	R.M.Work(RFC 19.30Hrs)
Khadka- Deepnagar Ckt 1	IntraState	09/08/2017	09.40	09/08/2017	20.15	PO	Routine Maintenance Work
Padghe - Nagothane - I	IntraState	09/08/2017	11.31	09/08/2017	15.29	EO	Hot Spot (Shifted on TBC)
Karad - Jaigad - II	IntraState	09/08/2017	17.01		Continued.	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)
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.
Solapur(PG)- Jeur	InterState	09/08/2017	19.37		Continued.	T	Distance Protection
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.
New Koyana - Pedambe	IntraState	04/08/2017	15.10	09/08/2017	21.50	PO	cb overhauling work.
Nagar-Bose I	IntraState	08/08/2017	17.46	09/08/2017	00.03	T	Distance Protection
Nagar-Bose II	IntraState	08/08/2017	21.43	09/08/2017	00.04	HT	To attend Fault on Nagar-Bose-I for safety clearance
Beed-Patoda Ckt 1	IntraState	09/08/2017	09.22	09/08/2017	10.59	PO	Tan Delta Measurment of CTs
chandrapur-Tadali	IntraState	09/08/2017	09.40	09/08/2017	20.15	EO	To attend Hot Spot
Bhugaon- Wardha	IntraState	09/08/2017	10.12	09/08/2017	21.14	PO	Bus outage at Bhugaon end
Beed-Manjarsumba	IntraState	09/08/2017	11.07	09/08/2017	11.44	PO	Tan Delta Measurment of CTs
Gadchandur - Virur-li	IntraState	09/08/2017	11.10	09/08/2017	15.26	PO	Replacement of Jumper Pad Nut Bolts
Lamboti(solapur)-Karkamb	IntraState	09/08/2017	12.08	09/08/2017	12.18	T	Distance Protection
Phulambri-Bhokardan	IntraState	09/08/2017	12.39	09/08/2017	13.29	EO	To attend Hot Spot
Pandharpur - Hiwarwada	IntraState	09/08/2017	14.10	09/08/2017	18.35	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	09/08/2017	19.21		Continued.	PO	Disc insulator replacement
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