

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Aug/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.028	3878.716	1) Gujrat	-1.179	64.684
2) Hydro	7.697	232.644	2) Madhya Pradesh	16.173	471.549
3) Gas	2.959	247.175	3) Chattisgarh	6.360	175.950
Total MSPGCL	101.684	4358.535	4) Maharashtra Net	84.590	2809.248
B) 1) APML	35.140	1341.665	5) Goa (Amona)	0.000	-9.394
2) JSWEL	14.808	431.232	Total	105.944	3512.037
3) VIPL	5.570	195.391	a) Mumbai Schedule	18.446	625.983
4) RPL(AMT)	15.038	291.788	b) Mumbai Drawl	21.280	773.043
5) WPCL	2.777	90.822	c) MSEDCL Bilateral *	17.303	527.906
6) PGPL	0.000	0.000	Include PX	2.603	56.985
7) Other IPP	3.339	111.391	d) Mumbai Bilateral *	18.446	625.983
C) 1) TPCL Thermal	12.576	430.439	Include PX	4.761	185.773
2) TPCL Hydro	6.601	141.793	Include Standby	0.000	0.000
3) TPCL Gas	1.972	99.624	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.133	301.878	1) MSEDCL	305.606	10427.980
D) STATE			2) Mumbai Discoms	51.556	1746.765
1) Thermal	189.409	7073.322	TOTAL STATE	357.162	12174.745
(A1+C1+C4+(B1-B6))					
2) Hydro	14.298	374.437			
(A2+C2)					
3) Gas	4.931	346.799			
(A3+B6+C3)					
4) Wind	40.773	816.606			
6) SOLAR	1.813	51.556			
TOTAL STATE	251.224	8662.720			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3696	3773	4064	3485
MSPGCL Hydro	244	233	708	122
MSPGCL Gas	128	114	117	119
MSPGCL Total Generation	4068	4120	4889	3726
Central Sector Receipt	5837	4696	4931	3221
WIND	1340	1890	1813	1708
CPP / IPP Thermal	2988	2996	3760	3006
CPP / IPP Gas	0	0	0	0
SOLAR	196	268	0	0
Exchange with Mumbai	-782	-1249	-1032	-638
MSEDCL DEMAND MET	13647	12721	14361	11023
Load Shedding	0	0	0	0
MSEDCL DEMAND	13647	12721	14361	11023
TPCL GENERATION	1020	947	1065	662
R-INFRA GENERATION	374	374	374	374
MUMBAI DEMAND	2176	2570	2471	1674
STATE DEMAND MET	15823	15291	16832	12697
STATE DEMAND	15823	15291	16832	12697
Frequency (Hz)	50.01	49.99	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 04.00 Hrs	49.8 Hz at 18.41 Hrs	49.99	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 30/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	2.46	31.14	150	0
Unit 8	7.94	224.85	436	280
Unit 9	8.94	310.08	484	300
Unit 10	3.29	311.24	317	0
Total	22.63	877.32		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	52.38	0	0
Unit 4	0.00	286.54	0	0
Unit 5	7.70	125.83	360	300
Total	7.70	464.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	98.04	208	185
Unit 7	4.46	69.17	194	180
Unit 8	0.00	0.00	0	0
Total	9.13	167.21		
Chandrapur				
Unit 3	4.01	119.77	176	163
Unit 4	0.00	95.69	0	0
Unit 5	8.31	258.46	365	330
Unit 6	7.43	265.15	340	290
Unit 7	0.00	244.67	0	0
Unit 8	9.40	296.04	500	360
Unit 9	0.00	189.50	0	0
Total	29.15	1469.29		
Paras				
Unit 3	4.76	156.32	244	186
Unit 4	4.62	159.22	205	185
Total	9.38	315.54		
Khaparkheda				
Unit 1	3.03	78.80	145	110
Unit 2	3.16	80.83	185	100
Unit 3	0.00	74.67	0	0
Unit 4	0.00	0.00	0	0
Unit 5	2.76	219.08	340	0
Total	8.94	453.39		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.09	91.28	203	162
Unit 5	0.00	1.46	0	0
Total	4.09	131.21		
Uran				
All Units	2.96	247.18	129	114
Total	2.96	247.18		
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	1.34	32	0
Total	0.06	1.34		
Koyna				
Stage 1-2	3.38	80.06	495	40
Stage 4	0.00	49.62	0	0
Stage 3	1.49	43.08	160	0
Total	4.87	172.77		
Hydro				
KDPH	0.00	6.40	0	0
VTRNA	0.99	16.24	61	0
TILLARI	0.18	1.47	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.49	12.00	80	0
RNGR+BHTSA	0.39	6.54	17	16
BHANDARDRA	0.34	9.44	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	7.79	18	17
GHATGHAR	0.00	0.00	0	0
Total	2.82	59.88		
Wind				
Total	40.77	816.61	0	0
Total	40.77	816.61		
CPP				
APML(Mus)	35.14	1341.66	0	0
JSWEL(Mus)	14.81	431.23	0	0
VIPL(Mus)	5.57	195.39	0	0
RPLAMT(Mus)	15.04	291.79	0	0
WPCL(Mus)	2.78	90.82	0	0
Other(Mus)	3.34	111.39	0	0
Total	76.67	2462.29		
SOLAR				
Total	1.81	51.56	0	0
Total	1.81	51.56		
Tata				
Trombay 5	7.69	274.16	460	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.07	59.84	45	43
Trombay 7B	0.90	39.78	39	36
Trombay 8	4.89	156.28	240	197
TATA Hydro	6.60	141.79	459	75
Total	21.15	671.86		
R-INFRA				
DTPS U-1&2	9.13	301.88	492	373
Total	9.13	301.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.03	3878.72	MSPGCL Total	101.68	4358.54
			MSPGCL Thml+Gas	93.99	4125.89	Koyna 1,2 & 4 Total	3.38	129.68
			MSPGCL Hydro	7.70	232.64	State Total	251.22	8662.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	3536	150	128	3814	1698	3114	0	0	3817	3405	-785	11245	0	11245	1862	13107	50.00
2	3501	150	128	3779	1710	3018	0	0	3164	3454	-718	11243	0	11243	1770	13013	50.01
3	3485	122	119	3726	1708	3006	0	0	3077	3221	-638	11023	0	11023	1674	12697	49.99
4	3518	95	129	3742	1719	3007	0	0	2955	3305	-582	11191	0	11191	1620	12811	49.99
5	3619	105	119	3843	1693	3014	0	0	3794	3462	-552	11460	0	11460	1586	13046	50.02
6	3643	113	129	3885	1636	3010	0	0	4343	4172	-564	12139	0	12139	1602	13741	50.01
7	3663	249	128	4040	1426	3012	0	4	4678	4988	-623	12847	0	12847	1662	14509	49.97
8	3686	471	128	4285	1353	3009	0	45	5304	5498	-605	13585	0	13585	1742	15327	50.02
9	3703	374	119	4196	1243	3011	0	114	5727	6000	-704	13860	0	13860	1944	15804	50.03
10	3696	244	128	4068	1340	2988	0	196	5543	5837	-782	13647	0	13647	2176	15823	50.01
11	3727	280	115	4122	1640	3002	0	170	5742	5215	-1073	13076	0	13076	2420	15496	49.99
12	3783	241	125	4149	1891	3014	0	196	5053	5047	-1142	13155	0	13155	2473	15628	49.98
13	3773	233	114	4120	1890	2996	0	268	4831	4696	-1249	12721	0	12721	2570	15291	49.99
14	3770	229	125	4124	2079	3004	0	238	4299	4450	-1162	12733	0	12733	2533	15266	49.97
15	3783	229	114	4126	2360	2977	0	228	4249	4204	-1119	12776	0	12776	2492	15268	49.95
16	3800	233	126	4159	2237	2977	0	178	4247	4263	-1110	12704	0	12704	2448	15152	49.99
17	3866	228	115	4209	2440	3002	0	129	3895	3850	-1063	12568	0	12568	2416	14984	50.00
18	3803	518	127	4448	2076	3010	0	46	3629	3938	-1021	12498	0	12498	2403	14901	50.00
19	3842	588	125	4555	1816	3116	0	1	4250	4614	-1004	13098	0	13098	2383	15481	49.90
20	4064	708	117	4889	1813	3760	0	0	4906	4931	-1032	14361	0	14361	2471	16832	49.96
21	4118	563	128	4809	1587	3947	0	0	4284	4665	-994	14014	0	14014	2432	16446	49.97
22	4214	732	128	5074	1279	3872	0	0	4140	4393	-1010	13608	0	13608	2419	16027	50.00
23	4233	513	117	4863	1159	3891	0	0	4222	4264	-938	13239	0	13239	2265	15504	49.96
24	4202	329	128	4659	980	3914	0	0	4184	4071	-810	12814	0	12814	2199	15013	49.98
MUs	91.03	7.70	2.96	101.68	40.77	76.67	0.00	1.81	104.33	105.94	-21.28	305.61	0.00	305.61	51.56	357.17	49.99

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 30/Aug/2017

Position as on 6.30 Hrs of 31/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.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda 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	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Aug/2017

Position as on 6.30 Hrs of 31/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
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	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02		Continued.	Zero Schedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	21/08/2017	16.04	30/08/2017	12.23	Due to poor coal Receipt.	
MSPGCL	Uran Unit 6	108	24/08/2017	09.33		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	25/08/2017	19.29	30/08/2017	03.10	ID Fan Problem	
MSPGCL	Chandrapur Unit 7	500	26/08/2017	00.23		Continued.	Stem line leakage	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Low furnace pressure	
MSPGCL	Uran Unit 5	108	28/08/2017	22.28	31/08/2017	00.46	Gas shortage	
MSPGCL	Uran Unit A0	120	28/08/2017	22.28		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	28/08/2017	23.00		Continued.	poor coal receipt	
MSPGCL	Khaparkheda Unit 3	210	29/08/2017	16.56	31/08/2017	02.53	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	30/08/2017	12.51		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	31/08/2017	02.33	31/08/2017	05.10	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 31/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	23/08/2017	17.34	30/08/2017	06.59	HT	Over Voltage
Dabhol Nagothane II	InterState	30/08/2017	11.21	30/08/2017	11.43	T	auto reclosed operated tripped frm dabhol end.
Dhule Sar'Sarovar I	InterState	30/08/2017	17.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	20/08/2017	15.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/08/2017	20.09		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	26/08/2017	20.35		Continued.	HT	To control load on PDG-BBLR.
karad -kolhapur-II	IntraState	28/08/2017	16.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/08/2017	00.54	30/08/2017	07.18	T	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	30/08/2017	09.02	30/08/2017	17.38	PO	Routine Maintenance Work
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	30/08/2017	10.15	30/08/2017	13.53	EO	Attending Oil Leakage
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	30/08/2017	10.25		Continued.	EO	Attending Oil Leakage fom radiator.
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 jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	30/08/2017	09.15	30/08/2017	21.07	PO	retrofitting of back up relay and allied works.
TPC Borivali Aarey Line 1	IntraState	30/08/2017	09.36	30/08/2017	19.46	PO	cvt jumper replacement.
Vita - Miraj	IntraState	30/08/2017	11.01	30/08/2017	12.36	PO	Tan Delta Measurement work.
Apta - Hoc	IntraState	30/08/2017	13.40	30/08/2017	18.10	PO	Testing 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)
220/110kv 100MVA ICT-II @Miraj	IntraState	30/08/2017	08.50	30/08/2017	21.03	PO	ct replacement of ict 2.

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