

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Aug/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.351	2640.967	1) Gujrat	9.341	202.952
2) Hydro	5.694	373.189	2) Madhya Pradesh	9.492	405.883
3) Gas	6.230	216.315	3) Chattisgarh	4.570	189.750
Total MSPGCL	133.275	3230.471	4) Maharashtra Net	84.305	2096.082
B) 1) APML	53.451	1243.302	5) Goa (Amona)	-0.594	-19.195
2) JSWEL	14.526	647.018	6) TAPS 1&2 Injection	7.725	232.220
3) VIPL	11.855	322.145	7) RGPPL Injection	11.684	367.993
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.499	10.222
5) WPCL	4.839	138.464	9) Pench (Excess)	-0.499	-10.222
6) PGPL	0.000	74.112	Total	126.024	3465.463
7) Other IPP	2.548	71.333	a) Mumbai Schedule	20.409	591.691
C) 1) TPCL Thermal	13.885	436.285	b) Mumbai Drawl	25.946	705.337
2) TPCL Hydro	6.334	176.124	c) MSEDCL Bilateral *	29.211	842.533
3) TPCL Gas	4.092	118.626	Include PX	-0.151	-35.282
4) R-INFRA Thermal	10.142	322.307	d) Mumbai Bilateral *	20.409	591.691
D) STATE			Include PX	0.791	45.288
1) Thermal	232.597	5821.821	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	12.028	549.313	1) MSEDCL	337.103	9643.737
3) Gas	10.322	409.053	2) Mumbai Discoms	60.399	1758.675
4) Wind	15.543	1129.966	TOTAL STATE	397.502	11402.412
6) SOLAR	0.988	26.800			
TOTAL STATE	271.478	7936.953			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5217	5396	5463	4603
MSPGCL Hydro	310	321	533	71
MSPGCL Gas	256	244	259	262
MSPGCL Total Generation	5783	5961	6255	4936
Central Sector Receipt	5976	5681	5252	4646
WIND	535	482	761	591
CPP / IPP Thermal	4021	4010	3503	3231
CPP / IPP Gas	0	0	0	0
SOLAR	129	149	0	0
Exchange with Mumbai	-1294	-1396	-1352	-672
MSEDCL DEMAND MET	15150	14887	14419	12732
Load Shedding	0	0	0	0
MSEDCL DEMAND	15150	14887	14419	12732
TPCL GENERATION	1291	1298	1059	659
R-INFRA GENERATION	502	407	402	404
MUMBAI DEMAND	3087	3101	2813	1735
STATE DEMAND MET	18237	17988	17232	14467
STATE DEMAND	18237	17988	17232	14467
Frequency (Hz)	49.97	49.98	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.32 Hrs	49.8 Hz at 18.11 Hrs	50	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 31/Aug/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.52	19.34	121	90
Unit 6	0.00	0.00	0	0
Unit 7	3.30	27.88	165	119
Unit 8	11.72	292.21	562	450
Total	17.54	339.43		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.04	78.13	500	0
Unit 5	9.72	81.53	500	360
Total	18.76	159.66		
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	4.21	92.45	196	163
Unit 4	3.43	94.57	171	70
Unit 5	8.89	270.04	390	359
Unit 6	3.77	231.83	385	0
Unit 7	8.96	273.93	416	360
Unit 8	10.03	197.33	475	364
Total	39.31	1160.16		
Paras				
Unit 3	5.44	111.13	260	197
Unit 4	5.40	157.84	250	195
Total	10.83	268.97		
Khaparkheda				
Unit 1	4.04	31.78	190	150
Unit 2	3.84	32.20	170	135
Unit 3	4.07	25.34	185	160
Unit 4	4.11	29.69	185	160
Unit 5	10.63	324.51	500	400
Total	26.68	443.52		
Nasik				
Unit 3	0.00	112.55	0	0
Unit 4	4.10	103.20	197	148
Unit 5	4.14	36.33	197	164
Total	8.24	252.08		
Uran				
All Units	6.23	216.32	274	244
Total	6.23	216.32		
PGPL				
Unit 1	0.00	45.92	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	28.20	0	0
Total	0.00	74.11		
PENCH (MS)				
Pench (MS)	0.50	10.22	27	10
Total	0.50	10.22		
Koyna				
Stage 1-2	2.21	114.52	255	40
Stage 4	0.06	94.10	63	0
Stage 3	0.41	63.22	106	0
Total	2.68	271.84		
Hydro				
KDPH	0.00	5.89	0	0
VTRNA	0.38	19.25	59	0
TILLARI	0.27	9.12	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	14.29	80	0
RNGR+BHTSA	0.36	4.98	16	15
BHANDARDRA	0.00	12.12	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	11.83	29	16
GHATGHAR	1.12	23.87	250	0
Total	3.02	101.35		
Wind				
Total	15.54	1129.97	0	0
Total	15.54	1129.97		
CPP				
APML(Mus)	53.45	1243.30	0	0
JSWEL(Mus)	14.53	647.02	0	0
VIPL(Mus)	11.86	322.14	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.84	138.46	0	0
Other(Mus)	2.55	71.33	0	0
Total	87.22	2422.26		
SOLAR				
Total	0.99	26.80	0	0
Total	0.99	26.80		
Tata				
Trombay 5	8.77	275.09	483	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	73.39	127	85
Trombay 7B	1.54	45.23	70	57
Trombay 8	5.12	161.19	242	200
TATA Hydro	6.33	176.12	387	0
Total	24.31	731.04		
R-INFRA				
1-2	10.14	322.31	507	401
Total	10.14	322.31		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	17.16
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.35	2640.97
MSPGCL Thml+Gas	127.58	2857.28
MSPGCL Hydro	5.69	373.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	133.28	3230.47
Koyna 1,2 & 4 Total	2.27	208.62
State Total	271.48	7936.95

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/Aug/2016

Annexure-2

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	4743	71	262	5076	628	4023	0	0	4625	4728	-820	13635	0	13635	2046	15681	49.99
2	4780	76	274	5130	721	3914	0	0	4627	4491	-802	13454	0	13454	1909	15363	50.03
3	4486	76	263	4825	780	3525	0	0	4540	4604	-718	13016	0	13016	1780	14796	50.03
4	4550	76	271	4897	705	3368	0	0	4570	4567	-674	12863	0	12863	1735	14598	50.03
5	4603	71	262	4936	591	3231	0	0	4832	4646	-672	12732	0	12732	1735	14467	49.99
6	4787	71	264	5122	466	3414	0	0	4950	5147	-665	13484	0	13484	1847	15331	49.96
7	5033	86	260	5379	368	3838	0	3	5246	5080	-769	13899	0	13899	2016	15915	50.06
8	5248	71	260	5579	310	3992	0	18	5356	5503	-695	14707	0	14707	2209	16916	50.02
9	5294	145	259	5698	390	4015	0	67	5559	5565	-902	14833	0	14833	2537	17370	50.01
10	5295	295	262	5852	535	4027	0	93	5596	5751	-1051	15207	0	15207	2830	18037	49.98
11	5217	310	256	5783	535	4021	0	129	5702	5976	-1294	15150	0	15150	3087	18237	49.97
12	5228	309	252	5789	543	4007	0	127	5773	5860	-1357	14969	0	14969	3126	18095	49.95
13	5396	321	244	5961	482	4010	0	149	5551	5681	-1396	14887	0	14887	3101	17988	49.98
14	5421	361	251	6033	444	4015	0	129	5400	5428	-1263	14786	0	14786	2967	17753	49.99
15	5146	263	252	5661	650	3854	0	116	5717	5828	-1360	14749	0	14749	2983	17732	49.94
16	5071	586	262	5919	889	3570	0	101	5554	5976	-1496	14959	0	14959	2986	17945	49.97
17	4983	401	248	5632	1018	3418	0	40	5268	5685	-1479	14314	0	14314	2967	17281	49.96
18	5047	305	261	5613	864	3202	0	14	4812	4902	-1359	13236	0	13236	2848	16084	49.97
19	5107	393	259	5759	874	3191	0	2	4901	5005	-1364	13467	0	13467	2823	16290	50.01
20	5463	533	259	6255	761	3503	0	0	5257	5252	-1352	14419	0	14419	2813	17232	50.03
21	5153	142	260	5555	751	3530	0	0	5460	5363	-1297	13902	0	13902	2718	16620	50.00
22	5109	316	260	5685	781	3243	0	0	4914	5239	-1145	13803	0	13803	2589	16392	49.99
23	5068	318	265	5651	770	3149	0	0	5051	4753	-1024	13299	0	13299	2432	15731	50.02
24	5123	98	264	5485	687	3158	0	0	5009	4994	-992	13332	0	13332	2315	15647	50.01
MUs	121.35	5.69	6.23	133.27	15.54	87.22	0.00	0.99	124.27	126.02	-25.95	337.10	0.00	337.10	60.40	397.50	50.00

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 31/Aug/2016

Position as on 6.30 Hrs of 01/Sep/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	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
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 PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
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)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
IPP	Adani U-4	660	13/07/2016	02.22		Continued.	Zero Shedule By MSEDCL,Shedule Glven On 21/08/2016	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11		Continued.	Oil Shortage.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 3A	230	16/08/2016	17.24		Continued.	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Aug/2016

Position as on 6.30 Hrs of 01/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	28/08/2016	00.29	31/08/2016	11.52	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
IPP	JSW (J) U1	300	30/08/2016	08.49		Continued.	For Rectification Of GTCB Y-Phase Spring Charge Motor Problem.	
MSPGCL	Bhusawal Unit 4	500	30/08/2016	09.35	31/08/2016	01.10	Air heater problem	
PGPL	PGPL U2	126	30/08/2016	21.11	01/09/2016	22.14	Gas shortage	
PGPL	PGPL U1	262	30/08/2016	21.11	01/09/2016	21.23	Gas shortage	
MSPGCL	Khaparkheda Unit 2	210	01/09/2016	14.04	01/09/2016	18.48	Tripped on over frequency	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 01/Sep/2016

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							
Kolhapur Solapur (PG) II	InterState	31/08/2016	01.08	31/08/2016	06.44	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	31/08/2016	19.07	31/08/2016	20.44	HT	Taking line reactor in service
Kolhapur Solapur (PG) II	InterState	01/09/2016	02.57	01/09/2016	06.57	T	Over Voltage
Main Bus- II @ Jejuri	InterState	01/09/2016	10.17	01/09/2016	21.26	PO	Annual Maintenance Work
Ektuni-Bableshtar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	29/08/2016	16.14		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/08/2016	16.34	31/08/2016	10.19	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/08/2016	18.03	31/08/2016	10.17	HT	Over Voltage
Deepnagar Taptitanda	IntraState	31/08/2016	02.05	31/08/2016	15.50	T	Distance Protection
Karad - Jaigad - II	IntraState	31/08/2016	16.40		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/08/2016	16.48		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	01/09/2016	08.35	01/09/2016	10.39	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudas bay ektuni CKT-2 will remain off during this outage period.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
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.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshtar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Sonkhar - Trombay	IntraState	30/08/2016	18.55	31/08/2016	00.52	T	Distance Protection
Lamboti-Vita	IntraState	31/08/2016	05.52	31/08/2016	20.17	PO	construction work
Pandharpur - Malinagar	IntraState	31/08/2016	06.05	31/08/2016	20.25	PO	Annual Maintenance Work
Miraj - Mhaishal	IntraState	31/08/2016	10.05	31/08/2016	12.42	PO	Attending Hot Spot
Lamboti - Pandharpur li	IntraState	31/08/2016	12.38	31/08/2016	16.10	PO	Routine Maintenance Work
Kandalgaon - Bhira	IntraState	31/08/2016	13.00	31/08/2016	18.07	PO	Tree cutting work
Kalwa - Borivali	IntraState	01/09/2016	00.21	01/09/2016	05.57	PO	Relay Testing Work
Bhigwan-Baramat lagro	IntraState	01/09/2016	10.00	01/09/2016	17.41	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)
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	01/09/2016	11.37	01/09/2016	18.25	PO	Annual Maintenance Work
220/33 Kv 50mva Bhel Ptr No 1 @Alephata	IntraState	01/09/2016	16.25	01/09/2016	17.29	PO	Attending Hot Spot
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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