

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Aug/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.674	487.342	1) Gujrat	6.461	26.397
2) Hydro	5.666	24.460	2) Madhya Pradesh	15.866	70.520
3) Gas	9.834	39.736	3) Chattisgarh	6.420	25.300
Total MSPGCL	140.174	551.538	4) Maharashtra Net	87.399	378.081
B) 1) APML	53.224	224.812	5) Goa (Amona)	-0.440	-1.870
2) JSWEL	15.392	60.418	Total	115.706	498.428
3) VIPL	5.855	16.273	a) Mumbai Schedule	22.918	91.111
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.790	112.845
5) WPCL	4.105	16.141	c) MSEDCL Bilateral *	14.927	77.484
6) PGPL	0.000	0.000	Include PX	0.237	16.062
7) Other IPP	3.530	13.370	d) Mumbai Bilateral *	22.918	91.111
C) 1) TPCL Thermal	13.760	56.404	Include PX	7.691	36.629
2) TPCL Hydro	5.335	21.298	Include Standby	0.000	0.000
3) TPCL Gas	4.058	16.479	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.756	39.801	1) MSEDCL	354.217	1424.336
D) STATE			2) Mumbai Discoms	62.698	246.826
1) Thermal	230.296	914.561	TOTAL STATE	416.915	1671.162
(A1+C1+C4+(B1-B6))					
2) Hydro	11.001	45.758			
(A2+C2)					
3) Gas	13.892	56.215			
(A3+B6+C3)					
4) Wind	44.060	149.001			
6) SOLAR	1.961	7.200			
TOTAL STATE	301.210	1172.735			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5501	5348	5442	4885
MSPGCL Hydro	275	171	465	88
MSPGCL Gas	410	405	410	415
MSPGCL Total Generation	6186	5924	6317	5388
Central Sector Receipt	5536	5120	4646	4193
WIND	1851	2073	1406	1769
CPP / IPP Thermal	3674	3561	3662	3006
CPP / IPP Gas	0	0	0	0
SOLAR	87	201	0	0
Exchange with Mumbai	-1078	-1633	-1245	-838
MSEDCL DEMAND MET	16256	15247	14786	13518
Load Shedding	0	0	0	0
MSEDCL DEMAND	16256	15247	14786	13518
TPCL GENERATION	1041	1090	1246	610
R-INFRA GENERATION	490	373	393	377
MUMBAI DEMAND	2609	3096	2884	1825
STATE DEMAND MET	18865	18343	17670	15343
STATE DEMAND	18865	18343	17670	15343
Frequency (Hz)	50.00	49.99	49.89	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 17.04 Hrs	49.69 Hz at 19.16 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 04/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	10.34	43.10	490	370
Unit 9	11.03	44.83	478	410
Unit 10	11.38	46.59	520	435
Total	32.76	134.52		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.88	41.04	500	370
Unit 5	0.00	0.00	0	0
Total	9.88	41.04		
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.63	17.29	201	166
Unit 4	4.36	17.34	188	169
Unit 5	9.47	13.50	425	365
Unit 6	8.36	36.60	414	0
Unit 7	10.04	40.86	442	363
Unit 8	10.19	42.76	490	360
Unit 9	10.08	41.45	489	362
Total	57.13	209.81		
Paras				
Unit 3	5.23	21.54	250	189
Unit 4	5.23	21.38	250	188
Total	10.45	42.92		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.28	42.32	500	360
Total	10.28	42.32		
Nasik				
Unit 3	4.16	16.73	197	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.16	16.73		
Uran				
All Units	9.83	39.74	426	394
Total	9.83	39.74		
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)	0.07	0.30	37	0
Total	0.07	0.30		
Koyna				
Stage 1-2	2.52	8.96	335	40
Stage 4	0.00	0.67	0	0
Stage 3	0.93	3.58	142	0
Total	3.46	13.20		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.56	3.78	61	0
TILLARI	0.12	0.24	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	1.77	80	0
RNGR+BHTSA	0.40	1.21	17	16
BHANDARDRA	0.34	1.37	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.37	1.63	16	15
GHATGHAR	0.00	0.00	0	0
Total	2.21	11.26		
Wind				
Total	44.06	149.00	0	0
Total	44.06	149.00		
CPP				
APML(Mus)	53.22	224.81	0	0
JSWEL(Mus)	15.39	60.42	0	0
VIPL(Mus)	5.86	16.27	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.10	16.14	0	0
Other(Mus)	3.53	13.37	0	0
Total	82.11	331.01		
SOLAR				
Total	1.96	7.20	0	0
Total	1.96	7.20		
Tata				
Trombay 5	8.60	35.52	467	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	10.27	116	64
Trombay 7B	1.54	6.21	68	51
Trombay 8	5.16	20.88	246	200
TATA Hydro	5.34	21.30	431	0
Total	23.15	94.18		
R-INFRA				
DTPS U-1&2	9.76	39.80	502	373
Total	9.76	39.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.67	487.34	MSPGCL Total	140.17	551.54
			MSPGCL Thml+Gas	134.51	527.08	Koyna 1,2 & 4 Total	2.52	9.63
			MSPGCL Hydro	5.67	24.46	State Total	301.21	1172.74

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/Aug/2017

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	5226	93	415	5734	1884	3152	0	0	4280	4162	-1082	13850	0	13850	2176	16026	50.02
2	4908	88	426	5422	1932	3126	0	0	4259	4368	-962	13887	0	13887	2008	15895	50.03
3	4823	88	414	5325	1892	3023	0	0	4068	4174	-880	13534	0	13534	1891	15425	50.03
4	4885	88	415	5388	1769	3006	0	0	3882	4193	-838	13518	0	13518	1825	15343	50.01
5	5173	103	412	5688	1847	3068	0	0	4312	4188	-830	13961	0	13961	1812	15773	49.97
6	5233	93	411	5737	1877	3153	0	0	4687	4900	-941	14726	0	14726	1925	16651	49.98
7	5406	284	401	6091	1718	3493	0	8	5326	5438	-1013	15735	0	15735	2073	17808	49.95
8	5538	232	414	6184	1799	3663	0	61	5427	5460	-894	16273	0	16273	2300	18573	50.03
9	5501	275	410	6186	1851	3674	0	87	5524	5536	-1078	16256	0	16256	2609	18865	50.00
10	5313	354	412	6079	2109	3677	0	132	5170	4950	-1415	15533	0	15533	2946	18479	50.00
11	5028	407	408	5843	2107	3422	0	195	5172	5299	-1701	15165	0	15165	3170	18335	49.98
12	5029	422	407	5858	2172	3372	0	252	5268	5712	-1757	15609	0	15609	3215	18824	49.96
13	4938	346	394	5678	2152	3375	0	285	5072	5338	-1731	15097	0	15097	3196	18293	49.98
14	4951	242	407	5600	2195	3380	0	280	4896	5406	-1640	15221	0	15221	3107	18328	50.00
15	5257	181	406	5844	2152	3481	0	244	4923	5004	-1627	15098	0	15098	3092	18190	49.97
16	5348	171	405	5924	2073	3561	0	201	4914	5120	-1633	15247	0	15247	3096	18343	49.99
17	5081	141	410	5632	1842	3481	0	138	4834	5011	-1611	14493	0	14493	3075	17568	49.99
18	4923	231	399	5553	1978	3211	0	66	4749	5059	-1517	14350	0	14350	2964	17314	49.98
19	5287	189	409	5885	1597	3412	0	12	5004	4696	-1513	14090	0	14090	2891	16981	49.89
20	5442	465	410	6317	1406	3662	0	0	4509	4646	-1245	14786	0	14786	2884	17670	49.89
21	5529	387	422	6338	1375	3717	0	0	4327	4436	-984	14881	0	14881	2769	17650	49.98
22	5452	298	412	6162	1387	3695	0	0	4209	4145	-890	14499	0	14499	2648	17147	49.96
23	5225	248	401	5874	1417	3654	0	0	4090	4377	-1043	14278	0	14278	2560	16838	49.92
24	5178	240	414	5832	1529	3644	0	0	3962	4089	-965	14129	0	14129	2467	16596	49.96
MUs	124.67	5.67	9.83	140.17	44.06	82.11	0.00	1.96	112.86	115.71	-29.79	354.22	0.00	354.22	62.70	416.92	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 04/Aug/2017

Position as on 6.30 Hrs of 05/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	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41	04/08/2017	12.30	Annual Overhaul	
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	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Aug/2017

Position as on 6.30 Hrs of 05/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero 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		Continued.	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		Continued.	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		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
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	Adani U-3	660	01/08/2017	08.22		Continued.	Boiler Problem	
MSPGCL	Chandrapur Unit 6	500	04/08/2017	22.20		Continued.	gt prv operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 05/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 I	InterState	03/08/2017	19.08	04/08/2017	06.16	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
Karad - Jaigad - II	IntraState	03/08/2017	13.08		Continued.	HT	Over Voltage
karad - kolhapur-I	IntraState	03/08/2017	13.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/08/2017	18.55		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	04/08/2017	07.40	04/08/2017	18.42	PO	fixing of damaged spacers.
Bus Coupler @ Koradi	IntraState	04/08/2017	11.11	04/08/2017	20.26	PO	commissioning of backup to busbar relay.
400 KV ICT Outages/Trippings							
400 KV 315MVA ICT-II @ Boisar(PG)	IntraState	04/08/2017	09.41	04/08/2017	15.09	PO	work by wr.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	04/08/2017	10.26		Continued.	PO	oil filtration work.
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.
Nasik Navsari II	InterState	04/08/2017	13.12	04/08/2017	13.45	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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Kalmeshwar-Pandhurna	IntraState	02/08/2017	11.22	04/08/2017	18.53	PO	work at Pandhurna end
Trombay - Kalwa	IntraState	04/08/2017	09.02	04/08/2017	11.21	T	Distance Protection
Jambhul - Anandnagar	IntraState	04/08/2017	09.20	04/08/2017	19.15	PO	isolators Replacement Work.
chandrapur-Tadali	IntraState	04/08/2017	10.16	04/08/2017	13.04	EO	Attending Hot Spot
Jamde-Dondaicha 1	IntraState	04/08/2017	10.30	04/08/2017	17.08	PO	Routine Maintenance Work
Kharghar - Nerul	IntraState	04/08/2017	11.00	04/08/2017	18.06	PO	tree trimming work.
Virur - Virur Rly Tss 2	IntraState	04/08/2017	11.05	04/08/2017	12.54	PO	Routine Maintenance Work
Pedambe-Pophali	IntraState	04/08/2017	12.10	04/08/2017	19.20	T	Distance Protection
New Koyana - Pedambe	IntraState	04/08/2017	15.10		Continued.	PO	cb overhauling work.
Virur - Virurlytss1	IntraState	04/08/2017	15.15	04/08/2017	18.41	PO	Routine Maintenance Work
Yeotmal- Pusad	IntraState	04/08/2017	15.34	04/08/2017	16.18	T	tripped while testing busbar scheme.
Wardha-Yeotmal	IntraState	04/08/2017	15.34	04/08/2017	15.58	T	tripped while testing busbar scheme.
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 100 Mva Bhel Ict 1 @Padegaon	IntraState	04/08/2017	09.41	04/08/2017	19.00	PO	Routine Maintenance Work
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	04/08/2017	10.20	04/08/2017	18.49	PO	ct work.
220/33 Kv 50 Mva Cgl Ptr 2 @Yavatmal	IntraState	04/08/2017	15.34	04/08/2017	15.39	T	tripped while testing busbar scheme.

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 04/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 05/Aug/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	04/08/2017	15.34	04/08/2017	15.59	T	tripped while testing busbar scheme.
220/33 Kv 50 Mva Aditya Vidyut Ptr 1 @Yavatmal	IntraState	04/08/2017	15.34	04/08/2017	15.39	T	tripped while testing busbar scheme.
132 KV LINE Outages/Trippings							
Khapri-Besa	IntraState	03/08/2017	21.54	04/08/2017	11.53	T	Distance Protection
Arvi-Pulgaon 2	IntraState	04/08/2017	01.59	04/08/2017	02.17	T	Distance Protection
Yavatmal-Pandharkawada	IntraState	04/08/2017	15.34	04/08/2017	16.00	T	tripped while testing busbar scheme.
Yavatmal-Ghatanji	IntraState	04/08/2017	15.34	04/08/2017	16.00	T	tripped while testing busbar scheme.

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