

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Aug/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.053	3492.562	1) Gujrat	-1.731	64.233
2) Hydro	10.989	201.536	2) Madhya Pradesh	16.895	406.044
3) Gas	6.010	229.734	3) Chattisgarh	7.390	149.520
Total MSPGCL	121.052	3923.832	4) Maharashtra Net	87.976	2449.426
B) 1) APML	39.104	1183.677	5) Goa (Amona)	0.000	-9.394
2) JSWEL	13.653	371.897	Total	110.530	3059.829
3) VIPL	6.478	169.064	a) Mumbai Schedule	18.329	550.161
4) RPL(AMT)	11.275	232.913	b) Mumbai Drawl	23.402	684.430
5) WPCL	3.633	80.333	c) MSEDCL Bilateral *	12.437	469.196
6) PGPL	0.000	0.000	Include PX	-1.792	52.756
7) Other IPP	4.095	95.590	d) Mumbai Bilateral *	18.329	550.161
C) 1) TPCL Thermal	14.541	376.815	Include PX	5.130	165.262
2) TPCL Hydro	4.220	117.033	Include Standby	0.000	0.000
3) TPCL Gas	2.269	91.321	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.392	263.076	1) MSEDCL	315.899	9169.716
D) STATE			2) Mumbai Discoms	54.824	1532.669
1) Thermal	207.224	6265.927	TOTAL STATE	370.723	10702.385
(A1+C1+C4+(B1-B6))					
2) Hydro	15.209	318.569			
(A2+C2)					
3) Gas	8.279	321.055			
(A3+B6+C3)					
4) Wind	27.459	691.309			
6) SOLAR	2.022	45.702			
TOTAL STATE	260.193	7642.562			

* 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 4 Hrs
MSPGCL Thermal	4433	4389	4437	4158
MSPGCL Hydro	368	306	1161	138
MSPGCL Gas	259	248	250	261
MSPGCL Total Generation	5060	4943	5848	4557
Central Sector Receipt	5231	5083	4360	4037
WIND	1204	1277	1420	677
CPP / IPP Thermal	3509	3379	3461	2956
CPP / IPP Gas	0	0	0	0
SOLAR	247	309	0	0
Exchange with Mumbai	-1146	-1382	-932	-775
MSEDCL DEMAND MET	14104	13609	14157	11452
Load Shedding	0	0	0	0
MSEDCL DEMAND	14104	13609	14157	11452
TPCL GENERATION	1128	947	1170	598
R-INFRA GENERATION	458	372	490	375
MUMBAI DEMAND	2732	2701	2592	1748
STATE DEMAND MET	16836	16310	16749	13200
STATE DEMAND	16836	16310	16749	13200
Frequency (Hz)	50.03	49.99	49.91	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.00 Hrs	49.77 Hz at 19.12 Hrs	49.97	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 26/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	28.69	0	0
Unit 8	7.06	194.56	320	270
Unit 9	7.03	278.20	326	267
Unit 10	6.94	285.58	318	255
Total	21.03	787.04		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.66	51.36	165	140
Unit 4	8.43	271.88	420	340
Unit 5	8.45	95.45	385	340
Total	20.54	418.69		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.53	79.42	196	172
Unit 7	4.50	51.27	202	169
Unit 8	0.00	0.00	0	0
Total	9.03	130.70		
Chandrapur				
Unit 3	4.26	103.64	205	163
Unit 4	0.00	95.69	0	0
Unit 5	9.06	223.42	400	359
Unit 6	8.81	231.91	400	340
Unit 7	0.06	244.67	56	0
Unit 8	10.31	253.21	500	360
Unit 9	0.00	189.50	0	0
Total	32.50	1342.04		
Paras				
Unit 3	4.64	140.23	207	184
Unit 4	4.70	141.11	208	185
Total	9.34	281.34		
Khaparkheda				
Unit 1	2.04	67.30	125	30
Unit 2	2.46	69.25	120	90
Unit 3	2.74	65.40	140	93
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	7.23	418.28		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.39	74.56	204	162
Unit 5	0.00	1.46	0	0
Total	4.39	114.49		
Uran				
All Units	6.01	229.73	262	236
Total	6.01	229.73		
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)	0.03	1.20	27	0
Total	0.03	1.20		
Koyna				
Stage 1-2	2.24	69.12	330	40
Stage 4	3.68	48.08	869	0
Stage 3	1.98	35.87	212	0
Total	7.90	153.07		
Hydro				
KDPH	0.43	5.63	18	18
VTRNA	1.20	12.30	61	0
TILLARI	0.00	1.03	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	10.33	80	0
RNGR+BHTSA	0.48	4.84	21	20
BHANDARDRA	0.34	8.06	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	6.29	15	14
GHATGHAR	0.00	0.00	0	0
Total	3.09	48.47		
Wind				
Total	27.46	691.31	0	0
Total	27.46	691.31		
CPP				
APML(Mus)	39.10	1183.68	0	0
JSWEL(Mus)	13.65	371.90	0	0
VIPL(Mus)	6.48	169.06	0	0
RPLAMT(Mus)	11.28	232.91	0	0
WPCL(Mus)	3.63	80.33	0	0
Other(Mus)	4.10	95.59	0	0
Total	78.24	2133.47		
SOLAR				
Total	2.02	45.70	0	0
Total	2.02	45.70		
Tata				
Trombay 5	9.26	240.61	488	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	55.31	53	51
Trombay 7B	1.02	36.01	43	42
Trombay 8	5.28	136.20	246	197
TATA Hydro	4.22	117.03	427	0
Total	21.03	585.17		
R-INFRA				
DTPS U-1&2	10.39	263.08	501	372
Total	10.39	263.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.05	3492.56	MSPGCL Total	121.05	3923.83
			MSPGCL Thml+Gas	110.06	3722.30	Koyna 1,2 & 4 Total	5.92	117.20
			MSPGCL Hydro	10.99	201.54	State Total	260.19	7642.56

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 26/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	4345	195	250	4790	742	3060	0	0	4010	4136	-1022	11705	0	11705	2068	13773	49.95
2	4213	180	251	4644	670	3065	0	0	3931	4033	-871	11541	0	11541	1904	13445	49.98
3	4185	146	241	4572	702	2943	0	0	3921	4007	-809	11415	0	11415	1802	13217	49.97
4	4158	138	261	4557	677	2956	0	0	3882	4037	-775	11452	0	11452	1748	13200	49.95
5	4173	128	250	4551	691	3016	0	0	4158	4251	-771	11738	0	11738	1742	13480	49.96
6	4437	158	252	4847	783	3229	0	0	4358	4500	-753	12606	0	12606	1823	14429	49.97
7	4380	127	240	4747	858	3432	0	5	4846	4866	-593	13316	0	13316	1885	15201	49.97
8	4351	422	262	5035	910	3495	0	60	4921	5229	-698	14031	0	14031	2025	16056	50.00
9	4360	834	251	5445	818	3510	0	151	5030	5213	-876	14261	0	14261	2244	16505	49.95
10	4373	1167	250	5790	765	3499	0	175	4930	4961	-1010	14180	0	14180	2468	16648	50.00
11	4467	772	236	5475	1006	3526	0	233	5253	5092	-1271	14062	0	14062	2732	16794	49.97
12	4433	368	259	5060	1204	3509	0	247	5367	5231	-1146	14104	0	14104	2732	16836	50.03
13	4389	306	248	4943	1277	3379	0	309	5284	5083	-1382	13609	0	13609	2701	16310	49.99
14	4252	267	239	4758	1671	3242	0	259	5115	4751	-1370	13312	0	13312	2517	15829	50.04
15	4114	248	260	4622	1852	2979	0	239	4773	4933	-1285	13340	0	13340	2481	15821	50.01
16	4165	308	252	4725	1931	2869	0	188	4645	4999	-1202	13510	0	13510	2458	15968	50.00
17	4232	293	252	4777	1904	2879	0	116	4464	4565	-1214	13027	0	13027	2430	15457	50.00
18	4223	252	251	4726	1780	2842	0	34	4526	4739	-1182	12940	0	12940	2418	15358	49.97
19	4432	626	253	5311	1693	3151	0	6	4459	4566	-1098	13629	0	13629	2439	16068	49.98
20	4437	1161	250	5848	1420	3461	0	0	4604	4360	-932	14157	0	14157	2592	16749	49.91
21	4478	1007	251	5736	1231	3512	0	0	4312	4289	-861	13908	0	13908	2599	16507	49.93
22	4478	975	261	5714	919	3541	0	0	4135	4345	-708	13811	0	13811	2450	16261	49.95
23	4499	592	240	5331	970	3573	0	0	3934	4009	-778	13105	0	13105	2394	15499	49.95
24	4479	319	250	5048	985	3569	0	0	4188	4331	-795	13138	0	13138	2172	15310	49.96
MUs	104.05	10.99	6.01	121.05	27.46	78.24	0.00	2.02	109.05	110.53	-23.40	315.90	0.00	315.90	54.82	370.72	49.97

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 26/Aug/2017

Position as on 6.30 Hrs of 27/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	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-1	125	28/07/2017	00.00		Continued.	RBDV 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Aug/2017

Position as on 6.30 Hrs of 27/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.zero schedule from 15.08.2017.	
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.	
IPP	RPL(AMT) U-3	270	20/08/2017	18.11	27/08/2017	23.42	Zero Schedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	21/08/2017	16.04		Continued.	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		Continued.	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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 27/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		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	10/08/2017	06.43	26/08/2017	20.19	HT	Emergency outage on padghe bblsr ckt.
Karad - Jaigad - II	IntraState	20/08/2017	15.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/08/2017	20.14		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/08/2017	20.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/08/2017	00.10	26/08/2017	11.08	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	26/08/2017	20.35		Continued.	HT	To control load on PDG-BBLR.
Koradi-Bhusawal	IntraState	27/08/2017	12.56	27/08/2017	13.16	PO	To take line Reactor in service at khadka
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 500MVA ICT 2@koradi 2	IntraState	26/08/2017	09.25	26/08/2017	22.07	PO	Opportunity outage due to breakdown.
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	26/08/2017	09.25	26/08/2017	19.35	PO	Routine Maintenance Work
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	27/08/2017	09.10	27/08/2017	09.41	PO	Routine Maintenance 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.
Tillari Amona	InterState	26/08/2017	09.41	26/08/2017	10.01	T	Distance Protection
Mahalakshmi Amona	InterState	26/08/2017	09.41	26/08/2017	09.57	T	Distance Protection
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.
Nanded-Parbhani	IntraState	26/08/2017	10.15	26/08/2017	17.26	T	Hand tripped in view of outage on 2200 kv parly-parly extn ckt.
Parly-Parly Extn-I	IntraState	26/08/2017	10.39	26/08/2017	17.16	PO	CB air compressor bearing and shaft changing.
Uran - Jnpt	IntraState	26/08/2017	11.49	26/08/2017	15.45	PO	Routine Maintenance Work
Kandalgaon - Bhira	IntraState	26/08/2017	12.55	27/08/2017	20.00	T	Distance Protection
Patoda-Manjarsumba	IntraState	26/08/2017	13.02	26/08/2017	16.20	PO	Tan Delta Measurment of CTs
sawangi-Phulambri	IntraState	26/08/2017	13.55	26/08/2017	17.51	PO	Routine 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 200MVA Vijai ICT-2 @Theur	IntraState	26/08/2017	09.45	26/08/2017	15.30	PO	Routine Maintenance Work
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	26/08/2017	12.29	26/08/2017	14.30	PO	Emergency outage for testing of trip ckt supervision relay.
132 KV LINE Outages/Trippings							
Nandurbar - Visarwadi	IntraState	26/08/2017	03.15	26/08/2017	03.35	T	Distance Protection
Kanhan-Mouda	IntraState	26/08/2017	07.54	26/08/2017	18.44	T	Distance Protection

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