

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Aug/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.455	3702.708	1) Gujrat	0.524	64.545
2) Hydro	8.914	217.085	2) Madhya Pradesh	15.469	438.236
3) Gas	5.501	241.257	3) Chattisgarh	6.530	162.770
Total MSPGCL	118.870	4161.050	4) Maharashtra Net	94.312	2639.581
B) 1) APML	43.419	1267.950	5) Goa (Amona)	0.000	-9.394
2) JSWEL	15.604	401.601	Total	116.835	3295.738
3) VIPL	7.378	183.656	a) Mumbai Schedule	20.451	587.406
4) RPL(AMT)	17.132	261.272	b) Mumbai Drawl	25.757	731.713
5) WPCL	2.655	85.365	c) MSEDCL Bilateral *	14.815	499.374
6) PGPL	0.000	0.000	Include PX	1.363	54.835
7) Other IPP	4.421	104.597	d) Mumbai Bilateral *	20.451	587.406
C) 1) TPCL Thermal	14.135	404.834	Include PX	6.353	174.642
2) TPCL Hydro	6.882	127.263	Include Standby	0.000	0.000
3) TPCL Gas	2.134	95.674	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.961	282.806	1) MSEDCL	324.837	9817.603
D) STATE			2) Mumbai Discoms	58.869	1642.283
1) Thermal	219.160	6694.789	TOTAL STATE	383.706	11459.886
(A1+C1+C4+(B1-B6))					
2) Hydro	15.796	344.348			
(A2+C2)					
3) Gas	7.635	336.931			
(A3+B6+C3)					
4) Wind	22.954	739.486			
6) SOLAR	1.326	48.601			
TOTAL STATE	266.871	8164.155			

* 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	4493	4479	4332	4392
MSPGCL Hydro	716	450	1220	106
MSPGCL Gas	239	244	211	256
MSPGCL Total Generation	5448	5173	5763	4754
Central Sector Receipt	5713	5418	4721	3690
WIND	593	670	1343	948
CPP / IPP Thermal	3897	3924	3899	3633
CPP / IPP Gas	0	0	0	0
SOLAR	164	143	0	0
Exchange with Mumbai	-1427	-1315	-1005	-754
MSEDCL DEMAND MET	14388	14013	14720	12271
Load Shedding	0	0	0	0
MSEDCL DEMAND	14388	14013	14720	12271
TPCL GENERATION	1187	1190	1274	605
R-INFRA GENERATION	498	500	496	376
MUMBAI DEMAND	3112	3005	2775	1735
STATE DEMAND MET	17500	17018	17495	14006
STATE DEMAND	17500	17018	17495	14006
Frequency (Hz)	49.98	50.00	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.01 Hrs	49.82 Hz at 19.20 Hrs	50.01	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 28/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	7.65	210.24	380	298
Unit 9	7.88	294.25	403	300
Unit 10	7.78	301.42	370	280
Total	23.31	834.60		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	52.38	0	0
Unit 4	6.90	286.54	350	0
Unit 5	7.42	110.73	350	300
Total	14.32	449.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.66	88.69	217	188
Unit 7	4.48	60.28	191	180
Unit 8	0.00	0.00	0	0
Total	9.13	148.97		
Chandrapur				
Unit 3	4.06	111.77	173	158
Unit 4	0.00	95.69	0	0
Unit 5	8.93	241.29	380	365
Unit 6	8.77	249.60	392	327
Unit 7	0.00	244.67	0	0
Unit 8	11.79	276.60	506	360
Unit 9	0.00	189.50	0	0
Total	33.54	1409.13		
Paras				
Unit 3	4.71	149.58	204	186
Unit 4	4.83	150.59	209	191
Total	9.54	300.17		
Khaparkheda				
Unit 1	3.36	73.22	180	110
Unit 2	3.10	75.14	180	80
Unit 3	3.89	72.48	185	134
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	10.35	437.16		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.26	83.10	201	164
Unit 5	0.00	1.46	0	0
Total	4.26	123.02		
Uran				
All Units	5.50	241.26	263	128
Total	5.50	241.26		
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)	0.05	1.24	25	0
Total	0.05	1.24		
Koyna				
Stage 1-2	2.36	74.07	405	40
Stage 4	1.45	49.53	581	0
Stage 3	1.82	39.13	160	0
Total	5.64	162.73		
Hydro				
KDPH	0.33	6.40	19	0
VTRNA	1.15	14.28	61	0
TILLARI	0.14	1.17	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.54	11.01	80	0
RNGR+BHTSA	0.38	5.68	17	16
BHANDARDRA	0.34	8.74	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	7.07	17	16
GHATGHAR	0.00	0.00	0	0
Total	3.28	54.35		
Wind				
Total	22.95	739.49	0	0
Total	22.95	739.49		
CPP				
APML(Mus)	43.42	1267.95	0	0
JSWEL(Mus)	15.60	401.60	0	0
VIPL(Mus)	7.38	183.66	0	0
RPLAMT(Mus)	17.13	261.27	0	0
WPCL(Mus)	2.66	85.36	0	0
Other(Mus)	4.42	104.60	0	0
Total	90.61	2304.44		
SOLAR				
Total	1.33	48.60	0	0
Total	1.33	48.60		
Tata				
Trombay 5	8.98	258.39	486	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	57.70	50	47
Trombay 7B	0.96	37.98	41	39
Trombay 8	5.16	146.45	246	198
TATA Hydro	6.88	127.26	462	18
Total	23.15	627.77		
R-INFRA				
DTPS U-1&2	9.96	282.81	500	373
Total	9.96	282.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.46	3702.71	MSPGCL Total	118.87	4161.05
			MSPGCL Thml+Gas	109.96	3943.96	Koyna 1,2 & 4 Total	3.81	123.60
			MSPGCL Hydro	8.91	217.08	State Total	266.87	8164.16

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	4560	198	263	5021	615	3649	0	0	4388	4242	-960	12567	0	12567	2135	14702	49.99
2	4500	187	252	4939	682	3595	0	0	4277	4023	-917	12322	0	12322	1943	14265	50.01
3	4414	110	253	4777	754	3681	0	0	3988	3878	-821	12269	0	12269	1801	14070	50.04
4	4392	106	256	4754	948	3633	0	0	3939	3690	-754	12271	0	12271	1735	14006	50.01
5	4361	106	255	4722	904	3484	0	0	4334	4097	-750	12457	0	12457	1728	14185	50.01
6	4233	159	248	4640	918	3379	0	0	4897	4953	-832	13058	0	13058	1813	14871	49.97
7	4371	172	244	4787	1130	3644	0	3	5089	5374	-834	14104	0	14104	1923	16027	49.96
8	4413	172	231	4816	1073	3889	0	29	5224	5385	-971	14222	0	14222	2147	16369	50.00
9	4423	359	252	5034	995	3858	0	74	5340	5934	-1087	14808	0	14808	2384	17192	50.01
10	4420	468	243	5131	830	3878	0	157	5435	5691	-1452	14235	0	14235	2827	17062	50.02
11	4463	489	230	5182	666	3885	0	167	5559	5827	-1493	14234	0	14234	3078	17312	50.01
12	4493	716	239	5448	593	3897	0	164	5354	5713	-1427	14388	0	14388	3112	17500	49.98
13	4479	450	244	5173	670	3924	0	143	5256	5418	-1315	14013	0	14013	3005	17018	50.00
14	4439	261	234	4934	695	3905	0	179	5195	5419	-1354	13778	0	13778	2864	16642	50.06
15	4409	245	254	4908	902	3849	0	159	5220	5114	-1419	13513	0	13513	2810	16323	50.02
16	4358	245	243	4846	920	3758	0	129	5099	5194	-1387	13460	0	13460	2797	16257	49.97
17	4315	315	234	4864	1017	3755	0	78	4758	5192	-1327	13580	0	13580	2766	16346	49.97
18	4276	323	231	4830	1158	3709	0	42	4748	5023	-1290	13472	0	13472	2730	16202	50.03
19	4341	707	202	5250	1278	3836	0	2	4756	4975	-1133	14208	0	14208	2755	16963	50.03
20	4332	1220	211	5763	1343	3899	0	0	4722	4721	-1005	14720	0	14720	2775	17495	50.00
21	4271	825	203	5299	1241	3907	0	0	4400	4569	-855	14161	0	14161	2624	16785	50.02
22	4217	467	212	4896	1161	3908	0	0	4232	4300	-746	13519	0	13519	2519	16038	50.01
23	4087	307	139	4533	1094	3909	0	0	4256	4147	-730	12953	0	12953	2355	15308	50.02
24	3888	307	128	4323	1367	3776	0	0	4354	3957	-898	12525	0	12525	2243	14768	50.01
MUs	104.45	8.91	5.50	118.87	22.95	90.61	0.00	1.33	114.82	116.83	-25.76	324.84	0.00	324.84	58.87	383.71	50.01

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 28/Aug/2017

Position as on 6.30 Hrs of 29/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-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Aug/2017

Position as on 6.30 Hrs of 29/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-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	28/08/2017	02.10	Turbine shaft Vibration high.	
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		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	
MSPGCL	Uran Unit A0	120	28/08/2017	22.28		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/08/2017	22.28		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	28/08/2017	23.00		Continued.	poor coal receipt	
MSPGCL	Paras Unit 4	250	29/08/2017	05.29		Continued.	system jerk	
MSPGCL	Paras Unit 3	250	29/08/2017	05.29		Continued.	system jerk	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 29/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
Dabhol Nagothane I	InterState	28/08/2017	21.32		Continued.	T	Distance Protection
Karad - Jaigad - II	IntraState	20/08/2017	15.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/08/2017	20.14	28/08/2017	10.34	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.
Warora-Tirora-li	IntraState	28/08/2017	13.33	28/08/2017	16.38	T	Distance Protection
karad -kolhapur-II	IntraState	28/08/2017	16.38		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	29/08/2017	01.00	29/08/2017	06.56	T	Over Voltage
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 315MVA ICT 2 @ Kolhapur	IntraState	28/08/2017	11.10	28/08/2017	18.48	PO	Quarterly Maintenance Work
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	28/08/2017	12.18	28/08/2017	18.10	PO	Retrofitting of RTCC
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.
Vasai Boiser(PG)	InterState	28/08/2017	21.14	29/08/2017	07.05	T	Distance Protection
Boiser(M)-Boiser(PG) -III	InterState	29/08/2017	02.18	29/08/2017	05.10	HT	safety purpose for removing
Boisar(MS) - Boisar (PG) - I	InterState	29/08/2017	02.31	29/08/2017	05.09	HT	brokern earth wire
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.
ACCIL - Apta	IntraState	28/08/2017	11.26	28/08/2017	18.00	PO	Tree cutting work
Vita - Miraj	IntraState	28/08/2017	11.38	28/08/2017	13.08	PO	Testing Work
Nashik-Airoli Knowledge Park	IntraState	28/08/2017	14.29	28/08/2017	17.41	PO	Attending Hot Spot
Karad - Vita Ckt- II	IntraState	28/08/2017	20.38		Continued.	T	Distance Protection
Boisar-Viraj	IntraState	28/08/2017	21.16	28/08/2017	23.29	T	Distance Protection
Akola-Paras Ckt No-li	IntraState	29/08/2017	05.29		Continued.	T	Distance Protection
Akola-Paras Ckt No-I	IntraState	29/08/2017	05.29		Continued.	T	Distance Protection
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)
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	28/08/2017	10.18	28/08/2017	13.50	PO	Quarterly Maintenance Work

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