

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Aug/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.691	3598.253	1) Gujrat	-0.212	64.021
2) Hydro	6.635	208.171	2) Madhya Pradesh	16.723	422.767
3) Gas	6.022	235.756	3) Chattisgarh	6.720	156.240
Total MSPGCL	118.348	4042.180	4) Maharashtra Net	95.843	2545.269
B) 1) APML	40.854	1224.531	5) Goa (Amona)	0.000	-9.394
2) JSWEL	14.100	385.997	Total	119.074	3178.903
3) VIPL	7.214	176.278	a) Mumbai Schedule	16.795	566.955
4) RPL(AMT)	11.227	244.140	b) Mumbai Drawl	21.526	705.956
5) WPCL	2.377	82.710	c) MSEDCL Bilateral *	15.364	484.559
6) PGPL	0.000	0.000	Include PX	0.716	53.472
7) Other IPP	4.586	100.176	d) Mumbai Bilateral *	16.795	566.955
C) 1) TPCL Thermal	13.884	390.699	Include PX	3.027	168.289
2) TPCL Hydro	3.348	120.381	Include Standby	0.000	0.000
3) TPCL Gas	2.219	93.540	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.769	272.845	1) MSEDCL	323.050	9492.766
D) STATE			2) Mumbai Discoms	50.745	1583.414
1) Thermal	209.702	6475.629	TOTAL STATE	373.795	11076.180
(A1+C1+C4+(B1-B6))					
2) Hydro	9.983	328.552			
(A2+C2)					
3) Gas	8.241	329.296			
(A3+B6+C3)					
4) Wind	25.223	716.532			
6) SOLAR	1.573	47.275			
TOTAL STATE	254.722	7897.284			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4316	4339	4567	4371
MSPGCL Hydro	303	583	537	124
MSPGCL Gas	252	260	251	255
MSPGCL Total Generation	4871	5182	5355	4750
Central Sector Receipt	6248	5166	4918	3942
WIND	1118	885	1166	957
CPP / IPP Thermal	3295	3398	3558	3252
CPP / IPP Gas	0	0	0	0
SOLAR	108	200	0	0
Exchange with Mumbai	-1013	-916	-741	-797
MSEDCL DEMAND MET	14627	13915	14256	12105
Load Shedding	0	0	0	0
MSEDCL DEMAND	14627	13915	14256	12105
TPCL GENERATION	650	921	1147	604
R-INFRA GENERATION	373	469	493	374
MUMBAI DEMAND	2036	2306	2381	1775
STATE DEMAND MET	16663	16221	16637	13880
STATE DEMAND	16663	16221	16637	13880
Frequency (Hz)	49.99	49.98	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 19.58 Hrs	49.85 Hz at 02.34 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 27/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	8.03	202.59	400	290
Unit 9	8.17	286.37	412	290
Unit 10	8.06	293.64	375	315
Total	24.26	811.29		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.02	52.38	140	0
Unit 4	7.76	279.64	345	300
Unit 5	7.87	103.32	360	310
Total	16.65	435.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.61	84.03	199	188
Unit 7	4.53	55.81	200	183
Unit 8	0.00	0.00	0	0
Total	9.14	139.83		
Chandrapur				
Unit 3	4.07	107.71	178	163
Unit 4	0.00	95.69	0	0
Unit 5	8.95	232.37	380	365
Unit 6	8.92	240.83	390	360
Unit 7	0.00	244.67	0	0
Unit 8	11.60	264.82	500	380
Unit 9	0.00	189.50	0	0
Total	33.55	1375.59		
Paras				
Unit 3	4.63	144.86	200	186
Unit 4	4.66	145.76	205	185
Total	9.29	290.63		
Khaparkheda				
Unit 1	2.56	69.86	130	75
Unit 2	2.79	72.04	135	80
Unit 3	3.18	68.58	150	100
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	8.53	426.81		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.27	78.84	203	158
Unit 5	0.00	1.46	0	0
Total	4.27	118.76		
Uran				
All Units	6.02	235.76	262	238
Total	6.02	235.76		
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)	0.00	1.20	0	0
Total	0.00	1.20		
Koyna				
Stage 1-2	2.60	71.71	295	40
Stage 4	0.00	48.08	0	0
Stage 3	1.43	37.30	240	0
Total	4.03	157.09		
Hydro				
KDPH	0.44	6.07	19	18
VTRNA	0.84	13.14	61	0
TILLARI	0.00	1.03	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	10.46	80	0
RNGR+BHTSA	0.46	5.29	20	19
BHANDARDRA	0.35	8.40	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	6.68	17	16
GHATGHAR	0.00	0.00	0	0
Total	2.61	51.08		
Wind				
Total	25.22	716.53	0	0
Total	25.22	716.53		
CPP				
APML(Mus)	40.85	1224.53	0	0
JSWEL(Mus)	14.10	386.00	0	0
VIPL(Mus)	7.21	176.28	0	0
RPLAMT(Mus)	11.23	244.14	0	0
WPCL(Mus)	2.38	82.71	0	0
Other(Mus)	4.59	100.18	0	0
Total	80.36	2213.83		
SOLAR				
Total	1.57	47.28	0	0
Total	1.57	47.28		
Tata				
Trombay 5	8.79	249.41	485	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.22	56.53	52	49
Trombay 7B	1.00	37.01	43	41
Trombay 8	5.09	141.29	246	198
TATA Hydro	3.35	120.38	459	0
Total	19.45	604.62		
R-INFRA				
DTPS U-1&2	9.77	272.84	498	373
Total	9.77	272.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.69	3598.25	MSPGCL Total	118.35	4042.18
			MSPGCL Thml+Gas	111.71	3834.01	Koyna 1,2 & 4 Total	2.60	119.79
			MSPGCL Hydro	6.64	208.17	State Total	254.72	7897.28

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 27/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	4450	177	250	4877	839	3418	0	0	4601	4286	-940	12480	0	12480	2098	14578	49.99
2	4444	115	261	4820	804	3284	0	0	4326	4271	-899	12280	0	12280	1950	14230	49.97
3	4386	221	240	4847	827	3269	0	0	3961	4101	-802	12243	0	12243	1838	14081	49.93
4	4371	124	255	4750	957	3252	0	0	3935	3942	-797	12105	0	12105	1775	13880	50.01
5	4377	114	262	4753	1016	3149	0	0	4388	4399	-795	12522	0	12522	1765	14287	49.98
6	4370	179	251	4800	893	3152	0	0	4695	5147	-830	13161	0	13161	1823	14984	49.97
7	4388	161	252	4801	990	3334	0	5	5658	5751	-815	14066	0	14066	1827	15893	50.01
8	4345	180	251	4776	1005	3317	0	57	5855	6071	-869	14358	0	14358	1881	16239	50.01
9	4316	303	252	4871	1118	3295	0	108	5818	6248	-1013	14627	0	14627	2036	16663	49.99
10	4325	504	252	5081	1058	3407	0	152	5230	5486	-1074	14110	0	14110	2142	16252	50.00
11	4377	545	251	5173	898	3452	0	161	5344	5498	-1117	14065	0	14065	2282	16347	50.00
12	4351	473	250	5074	836	3412	0	217	5401	5795	-1102	14233	0	14233	2322	16555	49.98
13	4339	583	260	5182	885	3398	0	200	5154	5166	-916	13915	0	13915	2306	16221	49.98
14	4307	261	238	4806	1105	3395	0	229	5091	5261	-946	13850	0	13850	2248	16098	49.98
15	4305	238	246	4789	1577	3345	0	204	5022	4833	-1059	13689	0	13689	2170	15859	49.98
16	4251	178	247	4676	1709	3123	0	146	4758	4725	-1040	13339	0	13339	2146	15485	50.02
17	4206	153	259	4618	1678	3047	0	65	4410	4745	-992	13162	0	13162	2097	15259	50.02
18	4325	123	238	4686	1543	3088	0	27	4426	4763	-1018	13089	0	13089	2110	15199	49.99
19	4495	228	250	4973	1385	3317	0	2	4847	5082	-1062	13697	0	13697	2215	15912	49.97
20	4567	537	251	5355	1166	3558	0	0	4846	4918	-741	14256	0	14256	2381	16637	50.03
21	4579	365	262	5206	973	3589	0	0	4502	4775	-629	13914	0	13914	2390	16304	50.01
22	4616	352	241	5209	714	3596	0	0	4429	4595	-575	13539	0	13539	2351	15890	49.98
23	4583	330	251	5164	617	3584	0	0	4332	4803	-694	13474	0	13474	2323	15797	49.98
24	4618	191	252	5061	630	3575	0	0	4625	4414	-801	12879	0	12879	2270	15149	49.99
MUs	105.69	6.63	6.02	118.35	25.22	80.36	0.00	1.57	115.65	119.07	-21.53	323.05	0.00	323.05	50.75	373.80	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 27/Aug/2017

Position as on 6.30 Hrs of 28/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 27/Aug/2017

Position as on 6.30 Hrs of 28/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 27/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 28/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
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
Ektuni-Bableshtar 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.
400/220/33 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.
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.
Kandalgaon - Bhira	IntraState	26/08/2017	12.55	27/08/2017	20.00	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)

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