

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Aug/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.940	610.282	1) Gujrat	4.096	30.493
2) Hydro	9.529	33.989	2) Madhya Pradesh	16.704	87.224
3) Gas	9.842	49.578	3) Chattisgarh	6.330	31.630
Total MSPGCL	142.311	693.849	4) Maharashtra Net	94.117	472.198
B) 1) APML	65.432	290.244	5) Goa (Amona)	-0.550	-2.420
2) JSWEL	15.782	76.200	Total	120.697	619.125
3) VIPL	6.760	23.033	a) Mumbai Schedule	22.039	113.150
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.685	139.530
5) WPCL	4.766	20.907	c) MSEDCL Bilateral *	20.281	97.765
6) PGPL	0.000	0.000	Include PX	2.873	18.935
7) Other IPP	3.570	16.940	d) Mumbai Bilateral *	22.039	113.150
C) 1) TPCL Thermal	15.006	71.410	Include PX	6.219	42.848
2) TPCL Hydro	4.198	25.496	Include Standby	0.000	0.000
3) TPCL Gas	3.949	20.428	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.575	50.376	1) MSEDCL	369.422	1793.758
D) STATE			2) Mumbai Discoms	60.413	307.239
1) Thermal	244.831	1159.392	TOTAL STATE	429.835	2100.997
(A1+C1+C4+(B1-B6))					
2) Hydro	13.727	59.485			
(A2+C2)					
3) Gas	13.791	70.006			
(A3+B6+C3)					
4) Wind	34.873	183.874			
6) SOLAR	1.916	9.116			
TOTAL STATE	309.138	1481.873			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5130	5119	5516	4858
MSPGCL Hydro	909	1010	220	94
MSPGCL Gas	408	397	412	412
MSPGCL Total Generation	6447	6526	6148	5364
Central Sector Receipt	5901	5590	4346	4248
WIND	1385	1388	1449	1539
CPP / IPP Thermal	3950	4064	4385	3639
CPP / IPP Gas	0	0	0	0
SOLAR	224	205	0	0
Exchange with Mumbai	-1323	-1340	-1016	-958
MSEDCL DEMAND MET	16584	16433	15312	13832
Load Shedding	0	0	0	0
MSEDCL DEMAND	16584	16433	15312	13832
TPCL GENERATION	1225	1200	1247	612
R-INFRA GENERATION	499	502	445	376
MUMBAI DEMAND	3047	3042	2708	1946
STATE DEMAND MET	19631	19475	18020	15778
STATE DEMAND	19631	19475	18020	15778
Frequency (Hz)	49.97	49.93	49.93	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 18.02 Hrs	49.77 Hz at 19.09 Hrs	49.95	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 05/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	11.54	54.65	598	352
Unit 9	10.72	55.56	480	410
Unit 10	11.40	57.99	541	384
Total	33.67	168.20		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.92	51.96	510	370
Unit 5	0.00	0.00	0	0
Total	10.92	51.96		
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	4.80	22.08	203	194
Unit 4	4.36	21.71	185	180
Unit 5	9.52	23.02	415	380
Unit 6	2.22	38.82	395	0
Unit 7	10.58	51.44	446	432
Unit 8	10.57	53.33	468	414
Unit 9	10.09	51.54	462	377
Total	52.13	261.93		
Paras				
Unit 3	5.44	26.98	247	190
Unit 4	5.40	26.78	248	190
Total	10.84	53.76		
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	11.12	53.45	500	360
Total	11.12	53.45		
Nasik				
Unit 3	4.26	20.98	195	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.26	20.98		
Uran				
All Units	9.84	49.58	424	397
Total	9.84	49.58		
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)	0.06	0.36	44	0
Total	0.06	0.36		
Koyna				
Stage 1-2	3.87	12.82	510	40
Stage 4	1.92	2.59	473	0
Stage 3	1.68	5.26	160	0
Total	7.47	20.67		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.38	4.16	61	0
TILLARI	0.12	0.36	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	2.19	80	0
RNGR+BHTSA	0.40	1.61	17	16
BHANDARDRA	0.34	1.72	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	2.02	17	16
GHATGHAR	0.00	0.00	0	0
Total	2.06	13.32		
Wind				
Total	34.87	183.87	0	0
Total	34.87	183.87		
CPP				
APML(Mus)	65.43	290.24	0	0
JSWEL(Mus)	15.78	76.20	0	0
VIPL(Mus)	6.76	23.03	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.77	20.91	0	0
Other(Mus)	3.57	16.94	0	0
Total	96.31	427.32		
SOLAR				
Total	1.92	9.12	0	0
Total	1.92	9.12		
Tata				
Trombay 5	9.64	45.17	469	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	12.71	115	64
Trombay 7B	1.51	7.72	68	51
Trombay 8	5.36	26.24	244	198
TATA Hydro	4.20	25.50	390	0
Total	23.15	117.33		
R-INFRA				
DTPS U-1&2	10.58	50.38	502	373
Total	10.58	50.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.94	610.28	MSPGCL Total	142.31	693.85
			MSPGCL Thml+Gas	132.78	659.86	Koyna 1,2 & 4 Total	5.79	15.42
			MSPGCL Hydro	9.53	33.99	State Total	309.14	1481.87

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	5165	171	411	5747	1602	3693	0	0	4272	4413	-1003	14452	0	14452	2215	16667	49.95
2	5081	94	415	5590	1549	3709	0	0	4351	4360	-1047	14161	0	14161	2057	16218	49.98
3	4858	94	412	5364	1539	3639	0	0	4236	4248	-958	13832	0	13832	1946	15778	49.95
4	4716	94	414	5224	1370	3641	0	0	4183	4605	-890	13950	0	13950	1880	15830	49.96
5	4736	94	412	5242	1418	3628	0	0	4544	4773	-871	14190	0	14190	1859	16049	49.95
6	5043	179	403	5625	1248	3689	0	0	5041	5190	-812	14940	0	14940	1925	16865	49.94
7	5183	415	424	6022	1195	3761	0	8	5352	5781	-725	16042	0	16042	2047	18089	49.99
8	5182	760	415	6357	1326	3756	0	65	5372	5616	-800	16320	0	16320	2159	18479	50.01
9	5184	746	413	6343	1470	3791	0	147	5572	5903	-1026	16628	0	16628	2514	19142	50.01
10	5184	497	413	6094	1341	3819	0	203	5397	5610	-1098	15969	0	15969	2711	18680	50.01
11	5109	791	407	6307	1272	3882	0	228	5436	5543	-1345	15887	0	15887	3013	18900	49.97
12	5130	909	408	6447	1385	3950	0	224	5443	5901	-1323	16584	0	16584	3047	19631	49.97
13	5119	1010	397	6526	1388	4064	0	205	5384	5590	-1340	16433	0	16433	3042	19475	49.93
14	5135	716	407	6258	1506	4186	0	223	5426	5511	-1260	16424	0	16424	2899	19323	49.97
15	5157	447	407	6011	1500	4292	0	233	5368	5468	-1249	16255	0	16255	2910	19165	49.93
16	5186	548	406	6140	1620	4364	0	174	5282	5478	-1249	16527	0	16527	2918	19445	49.96
17	5121	422	399	5942	1667	4443	0	127	4989	5216	-1330	16065	0	16065	2882	18947	49.99
18	5265	239	411	5915	1678	4435	0	67	4929	4847	-1494	15448	0	15448	2801	18249	49.99
19	5193	197	410	5800	1561	4398	0	12	4806	4553	-1405	14919	0	14919	2696	17615	49.95
20	5467	273	412	6152	1479	4408	0	0	4492	4254	-1105	15188	0	15188	2742	17930	49.88
21	5516	220	412	6148	1449	4385	0	0	4344	4346	-1016	15312	0	15312	2708	18020	49.93
22	5176	146	423	5745	1402	4294	0	0	4294	4386	-1027	14800	0	14800	2557	17357	49.90
23	5057	176	410	5643	1497	4182	0	0	4406	4447	-1047	14722	0	14722	2500	17222	49.87
24	4977	291	401	5669	1411	3899	0	0	4416	4658	-1265	14372	0	14372	2385	16757	49.86
MUs	122.94	9.53	9.84	142.31	34.87	96.31	0.00	1.92	117.34	120.70	-26.69	369.42	0.00	369.42	60.41	429.84	49.95

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 05/Aug/2017

Position as on 6.30 Hrs of 06/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	Khaparkhedha Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkhedha 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)	
MSPGCL	Koradi Unit-8	660	06/08/2017	00.05		Continued.	RAPH 8A and 8B work, Hot air ducts inspection and repair work.	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 05/Aug/2017

Position as on 6.30 Hrs of 06/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-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
IPP	Adani U-3	660	01/08/2017	08.22	05/08/2017	10.15	Boiler Problem	
MSPGCL	Chandrapur Unit 6	500	04/08/2017	22.20	05/08/2017	16.45	gt prv operated.	
IPP	JSW (J) U4	300	05/08/2017	20.30		Continued.	Turbine shaft Vibration high.	
CPP	SWPGL U-3	135	06/08/2017	06.57		Continued.	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 06/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
Padgha Tarapur I	InterState	05/08/2017	09.42	05/08/2017	19.14	EO	Attending Hot Spot
Dabhol Nagothane II	InterState	05/08/2017	10.29	05/08/2017	13.09	EO	Attending Hot Spot
Kolhapur Solapur (PG) II	InterState	05/08/2017	10.29	05/08/2017	12.52	PO	ct/pt integration for fedder at solapur.
Alkud-Solapur(PG)	InterState	05/08/2017	14.32	05/08/2017	17.22	PO	attending sparking at loc.
Dhule Sar'Sarovar II	InterState	05/08/2017	20.42	06/08/2017	12.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/08/2017	18.06		Continued.	HT	Over Voltage
Ektuni-Bableswhar 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	05/08/2017	09.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/08/2017	18.55	05/08/2017	09.18	HT	Over Voltage
Akola - Bhusawal	IntraState	05/08/2017	09.27	05/08/2017	16.42	PO	Routine Maintenance Work
Bus B @ Chandrapur	IntraState	05/08/2017	13.54	06/08/2017	01.32	PO	bus bar relay testing work.
Khadka-Aurangabad (Waluj)	IntraState	05/08/2017	20.06	06/08/2017	06.58	HT	Over Voltage
karad -kolhapur-II	IntraState	05/08/2017	20.27		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	06/08/2017	14.15	06/08/2017	18.19	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	06/08/2017	20.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	04/08/2017	10.26	06/08/2017	02.21	PO	oil filtration work.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	05/08/2017	09.52	05/08/2017	18.45	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.
Nasik Navsari I	InterState	05/08/2017	08.51	05/08/2017	17.34	PO	load controlling at navsari 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.
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.
New Koyna - Pedambe	IntraState	04/08/2017	15.10		Continued.	PO	cb overhauling work.
Badnera - Nandgaonpeth	IntraState	05/08/2017	10.03	05/08/2017	15.14	PO	replacement of nut bolt and tree cutting at various locations.
Pophali - Kdph	IntraState	05/08/2017	13.20	05/08/2017	18.45	EO	Attending Hot Spot
Belewadi-Nagar Ckt I	IntraState	05/08/2017	15.26	05/08/2017	16.55	PO	Tan Delta Measurment of CTs
Kanhan-Bhandara I	IntraState	05/08/2017	16.32	05/08/2017	19.42	PO	commissioning of new cb and retrofitting of numerical b/c relay.
Pusad-WardhaPG(Deoli)	IntraState	06/08/2017	10.25	06/08/2017	15.31	PO	Attending Oil Leakage
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)
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	05/08/2017	08.41	05/08/2017	14.20	EO	Attending Hot Spot

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