

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Aug/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.427	1418.003	1) Gujrat	6.619	58.017
2) Hydro	10.317	105.728	2) Madhya Pradesh	18.476	200.470
3) Gas	10.065	109.605	3) Chattisgarh	5.020	69.020
Total MSPGCL	161.809	1633.336	4) Maharashtra Net	102.512	1085.978
B) 1) APML	42.130	619.536	5) Goa (Amona)	-0.506	-5.302
2) JSWEL	15.034	161.688	Total	132.121	1408.183
3) VIPL	7.477	67.258	a) Mumbai Schedule	23.927	245.901
4) RPL(AMT)	12.975	24.822	b) Mumbai Drawl	26.291	285.048
5) WPCL	4.301	38.076	c) MSEDCL Bilateral *	24.771	241.040
6) PGPL	0.000	0.000	Include PX	8.184	58.510
7) Other IPP	3.458	36.593	d) Mumbai Bilateral *	23.927	245.901
C) 1) TPCL Thermal	16.607	170.611	Include PX	7.704	80.439
2) TPCL Hydro	5.590	55.701	Include Standby	0.000	0.000
3) TPCL Gas	4.081	44.730	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.094	117.786	1) MSEDCL	375.681	4030.552
D) STATE			2) Mumbai Discoms	63.663	673.875
1) Thermal	254.503	2654.373	TOTAL STATE	439.344	4704.427
(A1+C1+C4+(B1-B6))					
2) Hydro	15.907	161.429			
(A2+C2)					
3) Gas	14.146	154.335			
(A3+B6+C3)					
4) Wind	20.641	306.768			
6) SOLAR	2.026	19.340			
TOTAL STATE	307.223	3296.245			

* 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	5900	5940	5879	5996
MSPGCL Hydro	730	818	1141	78
MSPGCL Gas	414	411	419	423
MSPGCL Total Generation	7044	7169	7439	6497
Central Sector Receipt	6443	6560	4790	4470
WIND	605	734	952	595
CPP / IPP Thermal	3644	3650	3203	3854
CPP / IPP Gas	0	0	0	0
SOLAR	272	257	0	0
Exchange with Mumbai	-1459	-1398	-1048	-901
MSEDCL DEMAND MET	16549	16972	15336	14515
Load Shedding	0	0	0	0
MSEDCL DEMAND	16549	16972	15336	14515
TPCL GENERATION	1300	1281	1286	684
R-INFRA GENERATION	502	501	502	375
MUMBAI DEMAND	3261	3180	2836	1960
STATE DEMAND MET	19810	20152	18172	16475
STATE DEMAND	19810	20152	18172	16475
Frequency (Hz)	50.01	50.02	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08.01 Hrs	49.79 Hz at 19.16 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 11/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	0.00	54.66	0	0
Unit 9	12.88	128.35	575	445
Unit 10	12.22	132.47	561	460
Total	25.10	315.48		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	12.01	123.28	510	475
Unit 5	0.00	0.00	0	0
Total	12.01	123.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.75	11.67	250	216
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	5.75	11.67		
Chandrapur				
Unit 3	4.78	50.68	205	165
Unit 4	4.34	48.00	187	172
Unit 5	9.62	81.16	420	385
Unit 6	9.49	96.14	420	360
Unit 7	9.26	110.38	423	315
Unit 8	9.25	120.18	495	0
Unit 9	11.25	116.71	499	443
Total	57.99	623.24		
Paras				
Unit 3	5.93	61.31	253	242
Unit 4	5.94	62.04	255	219
Total	11.87	123.35		
Khaparkheda				
Unit 1	3.86	18.58	175	130
Unit 2	4.38	14.28	195	160
Unit 3	3.80	13.35	160	152
Unit 4	0.00	0.00	0	0
Unit 5	12.02	124.00	510	500
Total	24.06	170.22		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.65	10.85	207	169
Unit 5	0.00	1.46	0	0
Total	4.65	50.78		
Uran				
All Units	10.06	109.60	434	400
Total	10.06	109.60		
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)	0.04	0.57	33	0
Total	0.04	0.57		
Koyna				
Stage 1-2	2.56	34.46	325	40
Stage 4	4.59	32.76	897	0
Stage 3	2.20	17.75	160	0
Total	9.35	84.96		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.00	4.93	0	0
TILLARI	0.00	0.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	4.54	80	0
RNGR+BHTSA	0.00	2.14	0	0
BHANDARDRA	0.34	3.76	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.19	3.67	8	8
GHATGHAR	0.00	0.00	0	0
Total	0.97	20.77		
Wind				
Total	20.64	306.77	0	0
Total	20.64	306.77		
CPP				
APML(Mus)	42.13	619.54	0	0
JSWEL(Mus)	15.03	161.69	0	0
VIPL(Mus)	7.48	67.26	0	0
RPLAMT(Mus)	12.98	24.82	0	0
WPCL(Mus)	4.30	38.08	0	0
Other(Mus)	3.46	36.59	0	0
Total	85.38	947.97		
SOLAR				
Total	2.03	19.34	0	0
Total	2.03	19.34		
Tata				
Trombay 5	10.94	110.23	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	27.81	116	74
Trombay 7B	1.54	16.92	68	54
Trombay 8	5.67	60.38	245	200
TATA Hydro	5.59	55.70	431	21
Total	26.28	271.04		
R-INFRA				
DTPS U-1&2	11.09	117.79	504	375
Total	11.09	117.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.43	1418.00	MSPGCL Total	161.81	1633.34
			MSPGCL Thml+Gas	151.49	1527.61	Koyna 1,2 & 4 Total	7.15	67.21
			MSPGCL Hydro	10.32	105.73	State Total	307.22	3296.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	5997	133	433	6563	597	3857	0	0	4562	4826	-1055	14788	0	14788	2299	17087	50.02
2	5974	138	422	6534	650	3866	0	0	4459	4832	-971	14911	0	14911	2076	16987	50.00
3	5996	78	423	6497	595	3854	0	0	4441	4470	-901	14515	0	14515	1960	16475	50.02
4	6013	63	430	6506	538	3835	0	0	4406	4625	-749	14755	0	14755	1895	16650	50.03
5	6052	63	423	6538	574	3791	0	0	4675	4510	-606	14807	0	14807	1874	16681	50.00
6	6041	252	421	6714	604	3779	0	0	5238	5258	-628	15727	0	15727	2023	17750	50.01
7	5996	492	422	6910	545	3778	0	12	6354	6090	-707	16628	0	16628	2135	18763	49.99
8	5990	319	434	6743	549	3676	0	62	6525	6945	-851	17124	0	17124	2330	19454	50.05
9	6045	258	423	6726	722	3650	0	155	6743	6959	-1070	17142	0	17142	2613	19755	50.03
10	5893	220	420	6533	704	3649	0	230	6479	6415	-1378	16153	0	16153	3018	19171	49.99
11	5989	252	418	6659	651	3649	0	257	6256	6540	-1440	16316	0	16316	3141	19457	50.02
12	5900	730	414	7044	605	3644	0	272	6473	6443	-1459	16549	0	16549	3261	19810	50.01
13	5940	818	411	7169	734	3650	0	257	6382	6560	-1398	16972	0	16972	3180	20152	50.02
14	5861	537	410	6808	869	3658	0	197	6162	6358	-1277	16613	0	16613	3075	19688	50.02
15	5887	547	400	6834	1079	3638	0	185	6145	6131	-1339	16528	0	16528	3137	19665	50.01
16	5920	380	420	6720	1599	3641	0	185	6124	5926	-1364	16707	0	16707	3134	19841	49.99
17	5892	71	410	6373	1694	3535	0	137	5481	5364	-1435	15668	0	15668	3111	18779	49.97
18	5898	107	414	6419	1589	3176	0	67	5236	5293	-1519	15025	0	15025	3018	18043	50.00
19	5870	164	414	6448	1208	3188	0	10	5267	5004	-1312	14546	0	14546	2897	17443	50.00
20	5942	871	416	7229	893	3191	0	0	4809	4920	-1108	15125	0	15125	2907	18032	49.97
21	5879	1141	419	7439	952	3203	0	0	4462	4790	-1048	15336	0	15336	2836	18172	50.03
22	5676	842	420	6938	859	3209	0	0	4379	4491	-851	14646	0	14646	2655	17301	50.05
23	5391	847	429	6667	954	3183	0	0	4294	4577	-800	14581	0	14581	2593	17174	50.01
24	5385	994	419	6798	877	3075	0	0	4376	4794	-1025	14519	0	14519	2495	17014	49.99
MUs	141.43	10.32	10.06	161.81	20.64	85.38	0.00	2.03	129.73	132.12	-26.29	375.68	0.00	375.68	63.66	439.34	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 11/Aug/2017

Position as on 6.30 Hrs of 12/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	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.	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	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.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Aug/2017

Position as on 6.30 Hrs of 12/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL, schedule issued on 00:00hrs of 09.08.2017 but synchronization delayed.	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01	12/08/2017	00.44	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.	rbtv 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.	
CPP	SWPGL U-3	135	06/08/2017	06.57		Continued.	Flame Failure	
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	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit-8	500	11/08/2017	21.42		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	11/08/2017	23.23		Continued.	Y ph ct of bhugoan ckt burst.	
CPP	SWPGL U-3	135	11/08/2017	23.23	12/08/2017	03.43	Y ph ct of bhugoan ckt burst.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 12/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	10/08/2017	19.16	11/08/2017	06.35	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/08/2017	17.01		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
Karad - Jaigad - II	IntraState	10/08/2017	10.00		Continued.	EO	replacement of CVT
Khadka-Aurangabad (Waluj)	IntraState	10/08/2017	19.20	11/08/2017	08.39	HT	Over Voltage
Girwali- Lonikand 2	IntraState	11/08/2017	09.22	11/08/2017	18.12	PO	Routine Maintenance Work
Lonikand2-Lonikand1 (Intrconector)	IntraState	11/08/2017	10.35	11/08/2017	17.33	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	11/08/2017	19.36		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	08/08/2017	06.15		Continued.	PO	REPLACEMENT OF Y PHASE UNIT(outage for 11 Days)
400/220 KV 500MVA ICT II @ Nanded	IntraState	10/08/2017	10.49	11/08/2017	01.46	PO	testing work.
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
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 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.
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	09/08/2017	19.21		Continued.	PO	Disc insulator replacement
Bus section @ Kalwa	IntraState	11/08/2017	06.15	11/08/2017	08.07	EO	Attending Hot Spot
Sonkhar - Trombay	IntraState	11/08/2017	10.06	11/08/2017	16.37	PO	relay replacement.
Kamba - Kolshet	IntraState	11/08/2017	10.21	11/08/2017	15.13	PO	Routine Maintenance Work
Nasik - Raymond	IntraState	11/08/2017	10.25	11/08/2017	13.33	PO	faulty string replacement.
Malegaon-Satana	IntraState	11/08/2017	10.38	11/08/2017	20.10	PO	Quarterly Maintenance Work
Chitegaon-Shendra Ckt-I	IntraState	11/08/2017	11.11	11/08/2017	16.13	PO	diagnostic testing work.
Padghe - Jindal	IntraState	11/08/2017	11.16	11/08/2017	14.58	PO	bus conductor replacement.
Chitegaon-Shendra Ckt-II	IntraState	11/08/2017	16.37	11/08/2017	22.50	PO	diagnostic testing work.
Wpcl-Warora 1	IntraState	11/08/2017	23.23	11/08/2017	23.55	T	Y ph ct of bhugoan ckt burst.
Wpcl-Warora 2	IntraState	11/08/2017	23.23	11/08/2017	23.56	T	Y ph ct of bhugoan ckt burst.
Kalwa - Mulund 1	IntraState	12/08/2017	04.56		Continued.	PO	Project work for 220kv.
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 @Apta	IntraState	11/08/2017	14.21	11/08/2017	15.44	EO	Attending Hot Spot

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