

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.680	2576.788	1) Gujrat	4.997	20.068
2) Hydro	8.038	168.317	2) Madhya Pradesh	17.889	438.601
3) Gas	6.280	223.826	3) Chattisgarh	8.470	203.570
Total MSPGCL	100.998	2968.931	4) Maharashtra Net	88.291	2247.046
B) 1) APML	54.034	1457.273	5) Goa (Amona)	-0.594	-11.880
2) JSWEL	14.852	336.975	Total	119.053	2897.405
3) VIPL	5.948	153.451	a) Mumbai Schedule	23.191	550.336
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.321	728.528
5) WPCL	3.721	78.253	c) MSEDCL Bilateral *	8.891	471.893
6) PGPL	0.000	0.000	Include PX	-3.876	19.112
7) Other IPP	3.301	79.845	d) Mumbai Bilateral *	23.191	550.336
C) 1) TPCL Thermal	14.102	346.271	Include PX	7.677	168.819
2) TPCL Hydro	6.265	125.048	Include Standby	0.000	0.000
3) TPCL Gas	0.000	79.119	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.437	260.525	1) MSEDCL	328.609	8527.735
D) STATE			2) Mumbai Discoms	61.125	1539.484
1) Thermal	192.075	5289.381	TOTAL STATE	389.734	10067.219
(A1+C1+C4+(B1-B6))					
2) Hydro	14.303	293.365			
(A2+C2)					
3) Gas	6.280	302.945			
(A3+B6+C3)					
4) Wind	56.465	1241.257			
6) SOLAR	1.558	42.873			
TOTAL STATE	270.681	7169.821			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3945	3513	3895	3377
MSPGCL Hydro	217	241	822	94
MSPGCL Gas	268	257	267	258
MSPGCL Total Generation	4430	4011	4984	3729
Central Sector Receipt	5580	5544	5212	3921
WIND	2645	2804	1956	2280
CPP / IPP Thermal	3844	3118	3812	3166
CPP / IPP Gas	0	0	0	0
SOLAR	119	251	0	0
Exchange with Mumbai	-1133	-1833	-1212	-868
MSEDCL DEMAND MET	15485	13895	14753	12228
Load Shedding	0	0	0	0
MSEDCL DEMAND	15485	13895	14753	12228
TPCL GENERATION	954	879	1134	593
R-INFRA GENERATION	494	374	372	385
MUMBAI DEMAND	2581	3086	2718	1846
STATE DEMAND MET	18066	16981	17471	14074
STATE DEMAND	18066	16981	17471	14074
Frequency (Hz)	50.03	50.03	49.93	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.76 Hz at 22.07 Hrs	49.98	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/Jul/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	6.73	227.29	360	0
Unit 9	7.36	221.36	325	286
Unit 10	10.95	246.47	571	331
Total	25.04	695.13		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	52.33	0	0
Unit 5	0.00	22.97	0	0
Total	0.00	75.29		
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	4.29	7.22	198	163
Unit 4	1.89	107.27	140	0
Unit 5	2.24	196.78	355	0
Unit 6	9.04	243.06	400	360
Unit 7	9.44	247.82	432	361
Unit 8	10.62	231.11	492	360
Unit 9	10.13	240.59	487	357
Total	47.65	1273.85		
Paras				
Unit 3	5.10	131.29	250	188
Unit 4	4.79	43.10	245	182
Total	9.89	174.39		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	0.00	140.20	0	0
Total	0.00	191.44		
Nasik				
Unit 3	4.10	66.18	195	160
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	4.10	166.69		
Uran				
All Units	6.28	223.83	323	246
Total	6.28	223.83		
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)	0.02	3.31	15	0
Total	0.02	3.31		
Koyna				
Stage 1-2	3.86	66.50	545	40
Stage 4	0.75	20.90	250	0
Stage 3	1.30	38.59	160	0
Total	5.90	125.99		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.41	3.77	61	0
TILLARI	0.18	6.46	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	10.98	40	0
RNGR+BHTSA	0.45	1.51	19	18
BHANDARDRA	0.34	10.98	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	3.19	15	14
GHATGHAR	0.00	5.44	0	0
Total	2.13	42.32		
Wind				
Total	56.46	1241.26	0	0
Total	56.46	1241.26		
CPP				
APML(Mus)	54.03	1457.27	0	0
JSWEL(Mus)	14.85	336.98	0	0
VIPL(Mus)	5.95	153.45	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.72	78.25	0	0
Other(Mus)	3.30	79.84	0	0
Total	81.86	2105.80		
SOLAR				
Total	1.56	42.87	0	0
Total	1.56	42.87		
Tata				
Trombay 5	8.96	221.81	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	49.72	0	0
Trombay 7B	0.00	29.40	0	0
Trombay 8	5.14	124.46	245	199
TATA Hydro	6.26	125.05	438	75
Total	20.37	550.44		
R-INFRA				
DTPS U-1&2	9.44	260.52	494	371
Total	9.44	260.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.68	2576.79	MSPGCL Total	101.00	2968.93
			MSPGCL Thml+Gas	92.96	2800.61	Koyna 1,2 & 4 Total	4.61	87.40
			MSPGCL Hydro	8.04	168.32	State Total	270.68	7169.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Jul/2017

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	3441	124	323	3888	2338	3136	0	0	4155	4647	-1139	12870	0	12870	2115	14985	49.97
2	3560	114	258	3932	2460	3152	0	0	3904	3971	-963	12552	0	12552	1942	14494	49.96
3	3377	94	258	3729	2280	3166	0	0	4019	3921	-868	12228	0	12228	1846	14074	49.99
4	3282	89	247	3618	2413	3120	0	0	4021	4017	-814	12354	0	12354	1793	14147	49.99
5	3419	94	258	3771	2069	3076	0	0	4268	4451	-802	12565	0	12565	1795	14360	49.98
6	3730	93	268	4091	2201	3479	0	0	4495	4810	-758	13824	0	13824	1901	15725	49.99
7	3910	518	258	4686	2052	3754	0	11	4787	5095	-786	14811	0	14811	2060	16871	49.98
8	3930	430	258	4618	2272	3848	0	45	4998	5197	-956	15024	0	15024	2319	17343	50.02
9	3945	217	268	4430	2645	3844	0	119	5325	5580	-1133	15485	0	15485	2581	18066	50.03
10	3905	259	248	4412	2668	3827	0	119	5397	5050	-1578	14498	0	14498	2918	17416	49.99
11	3567	273	257	4097	2785	3757	0	167	5571	5182	-1809	14179	0	14179	3084	17263	50.03
12	3477	268	267	4012	2724	3313	0	196	5616	5595	-1832	14008	0	14008	3110	17118	49.99
13	3513	241	257	4011	2804	3118	0	251	5536	5544	-1833	13895	0	13895	3086	16981	50.03
14	3452	170	257	3879	2688	3073	0	249	5439	5595	-1709	13775	0	13775	2961	16736	50.03
15	3443	243	254	3940	2594	3165	0	170	5416	5474	-1701	13643	0	13643	2980	16623	49.93
16	3437	334	255	4026	2460	3123	0	126	5413	5542	-1708	13570	0	13570	2986	16556	49.99
17	3324	369	256	3949	2670	3090	0	70	4903	5362	-1687	13454	0	13454	2964	16418	49.98
18	3237	770	266	4273	2477	3170	0	30	4679	5048	-1635	13363	0	13363	2914	16277	49.99
19	3558	636	246	4440	2088	3495	0	5	5064	4957	-1475	13510	0	13510	2818	16328	49.98
20	3791	781	256	4828	2036	3734	0	0	4932	5049	-1280	14368	0	14368	2814	17182	49.91
21	3895	822	267	4984	1956	3812	0	0	4879	5212	-1212	14753	0	14753	2718	17471	49.93
22	3834	252	258	4344	1986	3790	0	0	4812	4542	-1138	13525	0	13525	2589	16114	49.92
23	3823	325	257	4405	1899	3502	0	0	4479	4746	-1215	13336	0	13336	2468	15804	49.93
24	3830	522	283	4635	1900	3309	0	0	4243	4464	-1290	13018	0	13018	2363	15381	49.98
MUs	86.68	8.04	6.28	101.00	56.46	81.86	0.00	1.56	116.35	119.05	-31.32	328.61	0.00	328.61	61.13	389.73	49.98

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/Jul/2017

Position as on 6.30 Hrs of 27/Jul/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	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		Continued.	Annual Overhaul	
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)	
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.	
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)	

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

Position as on 6.30 Hrs of 27/Jul/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-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	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Koyna Unit 10	80	15/07/2017	19.15		Continued.	Tripped due to GT Got Fire	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46		Continued.	Zero Schedule By MSEDCL	
TPC-G	Trombay 7B	60	21/07/2017	23.20		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
TPC-G	Trombay 7A	120	22/07/2017	02.51		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
MSPGCL	Chandrapur Unit 5	500	22/07/2017	22.39	26/07/2017	16.20	Air Pre-Heater Basket Replacement.	
MSPGCL	Khaparkheda Unit 5	500	25/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	26/07/2017	00.45	26/07/2017	23.09	Air filter replacement work.	
MSPGCL	Chandrapur Unit 4	210	26/07/2017	13.36		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	26/07/2017	16.32	26/07/2017	18.20	electrical turbine protection operated.	

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

Statement-VII

Position as on 6.30 Hrs of 27/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/07/2017	18.15	26/07/2017	18.24	PO	work at padghe end outage cancelled due to run back of pole 1 to 75mw deblock.
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	25/07/2017	17.06	27/07/2017	06.58	HT	Over Voltage
Dhule Khandwa II	InterState	26/07/2017	12.24		Continued.	T	Distance Protection
Parli(MS)-Parli (PG) I	InterState	26/07/2017	12.50		Continued.	PO	online installation of abt meter.
Karad - Jaigad - II	IntraState	08/07/2017	21.48	26/07/2017	06.41	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
karad -kolhapur-I	IntraState	20/07/2017	09.38		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	25/07/2017	13.26	27/07/2017	06.29	T	Distance Protection
Padghe - Kalwa-II	IntraState	26/07/2017	05.52	26/07/2017	09.39	EO	Attending Hot Spot
Jaigad-New Koyna Ckt-I	IntraState	26/07/2017	10.20	26/07/2017	19.05	PO	RFC,cvt replacement at jaigad end.
Ektuni-Taptitanda II	IntraState	26/07/2017	11.37	26/07/2017	15.39	EO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	26/07/2017	10.58	26/07/2017	14.11	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 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.
Karad - Sadawagpur I	IntraState	21/07/2017	11.07		Continued.	T	Distance Protection
Kharepatan-Pedambeline	IntraState	25/07/2017	09.55		Continued.	PO	Jumper removal work.
Gadchandur - Grace	IntraState	26/07/2017	02.47	26/07/2017	05.10	T	Distance Protection
Kolhapur-Bidri	IntraState	26/07/2017	09.06	26/07/2017	15.17	PO	Line Maintenance work
Osmanabad - Barshi	IntraState	26/07/2017	10.00	26/07/2017	12.20	PO	Quarterly Maintainance Work
Paranda-Barshi	IntraState	26/07/2017	10.00	26/07/2017	12.20	PO	Quarterly Maintainance Work
Kalwa - Siemens	IntraState	26/07/2017	10.20	26/07/2017	16.58	PO	safety purpose for construction work.
Karad(400kv) - Wathar	IntraState	26/07/2017	10.46	26/07/2017	17.21	PO	string replacement.
Osmanabad - Solapur (Bale)	IntraState	26/07/2017	14.26	26/07/2017	16.45	PO	Routine Maintenance Work
Parli 2-(Girwali) -Murud	IntraState	26/07/2017	17.02		Continued.	T	to control parly ict loading.
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