

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jul/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.573	1958.252	1) Gujrat	-0.278	13.737
2) Hydro	8.285	124.299	2) Madhya Pradesh	12.834	326.979
3) Gas	9.261	163.084	3) Chattisgarh	7.630	151.460
Total MSPGCL	112.119	2245.635	4) Maharashtra Net	91.348	1703.735
B) 1) APML	50.176	1122.503	5) Goa (Amona)	-0.418	-8.382
2) JSWEL	14.678	239.486	Total	111.116	2187.529
3) VIPL	5.799	116.255	a) Mumbai Schedule	18.858	409.566
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.306	528.414
5) WPCL	1.835	56.057	c) MSEDCL Bilateral *	16.968	394.147
6) PGPL	0.000	0.000	Include PX	-2.299	44.346
7) Other IPP	3.013	56.361	d) Mumbai Bilateral *	18.858	409.566
C) 1) TPCL Thermal	13.574	256.942	Include PX	4.638	128.812
2) TPCL Hydro	4.702	85.081	Include Standby	0.000	0.000
3) TPCL Gas	4.169	70.599	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.845	195.323	1) MSEDCL	312.811	6363.842
D) STATE			2) Mumbai Discoms	57.596	1136.356
1) Thermal	193.493	4001.179	TOTAL STATE	370.407	7500.198
(A1+C1+C4+(B1-B6))					
2) Hydro	12.987	209.380			
(A2+C2)					
3) Gas	13.430	233.683			
(A3+B6+C3)					
4) Wind	37.826	836.121			
6) SOLAR	1.555	32.309			
TOTAL STATE	259.291	5312.672			

* 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 14 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4138	3889	4092	3833
MSPGCL Hydro	475	266	378	156
MSPGCL Gas	383	381	382	386
MSPGCL Total Generation	4996	4536	4852	4375
Central Sector Receipt	5858	5171	4357	3754
WIND	1303	1915	1878	1156
CPP / IPP Thermal	3252	2822	3706	3088
CPP / IPP Gas	0	0	0	0
SOLAR	102	223	0	0
Exchange with Mumbai	-904	-1546	-923	-594
MSEDCL DEMAND MET	14607	13121	13870	11779
Load Shedding	0	0	0	0
MSEDCL DEMAND	14607	13121	13870	11779
TPCL GENERATION	1024	941	1266	653
R-INFRA GENERATION	494	384	488	385
MUMBAI DEMAND	2422	2871	2677	1632
STATE DEMAND MET	17029	15992	16547	13411
STATE DEMAND	17029	15992	16547	13411
Frequency (Hz)	50.02	50.03	49.96	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.04 Hrs	49.7 Hz at 19.18 Hrs	50	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 19/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	8.29	174.55	410	280
Unit 9	8.04	169.79	408	270
Unit 10	11.17	175.47	510	392
Total	27.50	519.81		
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	0.00	0.00	0	0
Unit 4	4.12	82.30	183	162
Unit 5	7.98	172.01	355	310
Unit 6	8.39	181.12	373	333
Unit 7	8.55	183.82	368	348
Unit 8	7.61	168.91	356	270
Unit 9	8.26	180.45	371	328
Total	44.91	968.61		
Paras				
Unit 3	5.00	97.83	243	190
Unit 4	4.60	10.68	230	111
Total	9.60	108.51		
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	8.51	95.88	450	285
Total	8.51	147.12		
Nasik				
Unit 3	4.05	38.39	195	159
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	4.05	138.90		
Uran				
All Units	9.26	163.08	395	368
Total	9.26	163.08		
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)	0.11	3.01	54	0
Total	0.11	3.01		
Koyna				
Stage 1-2	3.30	51.62	470	40
Stage 4	0.07	19.92	43	0
Stage 3	2.71	27.83	160	80
Total	6.08	99.37		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.16	1.63	60	0
TILLARI	0.75	3.19	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	7.90	80	0
RNGR+BHTSA	0.03	0.03	2	1
BHANDARDRA	0.60	6.36	38	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	0.95	10	9
GHATGHAR	0.00	4.87	0	0
Total	2.21	24.93		
Wind				
Total	37.83	836.12	0	0
Total	37.83	836.12		
CPP				
APML(Mus)	50.18	1122.50	0	0
JSWEL(Mus)	14.68	239.49	0	0
VIPL(Mus)	5.80	116.26	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	1.84	56.06	0	0
Other(Mus)	3.01	56.36	0	0
Total	75.50	1590.66		
SOLAR				
Total	1.56	32.31	0	0
Total	1.56	32.31		
Tata				
Trombay 5	8.53	166.83	474	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.67	44.21	120	73
Trombay 7B	1.50	26.38	66	52
Trombay 8	5.04	90.11	238	198
TATA Hydro	4.70	85.08	401	20
Total	22.44	412.62		
R-INFRA				
DTPS U-1&2	9.84	195.32	496	384
Total	9.84	195.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.57	1958.25	MSPGCL Total	112.12	2245.64
			MSPGCL Thml+Gas	103.83	2121.34	Koyna 1,2 & 4 Total	3.37	71.54
			MSPGCL Hydro	8.28	124.30	State Total	259.29	5312.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	3846	271	392	4509	1600	2905	0	0	3585	3792	-749	12057	0	12057	1903	13960	50.01
2	3710	451	382	4543	1354	2878	0	0	3455	3754	-649	11880	0	11880	1765	13645	49.99
3	3835	281	381	4497	1146	3004	0	0	3643	3817	-623	11841	0	11841	1681	13522	50.02
4	3833	156	386	4375	1156	3088	0	0	3664	3754	-594	11779	0	11779	1632	13411	50.05
5	3854	176	395	4425	980	3080	0	0	3903	4076	-581	11980	0	11980	1634	13614	50.02
6	3944	174	394	4512	933	3077	0	0	4527	4749	-617	12654	0	12654	1746	14400	49.96
7	4082	659	382	5123	959	3104	0	9	5250	5372	-707	13860	0	13860	1890	15750	49.94
8	4214	649	394	5257	1171	3227	0	41	5313	5491	-721	14466	0	14466	2141	16607	50.02
9	4138	475	383	4996	1303	3252	0	102	5492	5858	-904	14607	0	14607	2422	17029	50.02
10	4083	490	390	4963	1399	3281	0	143	5551	5435	-1097	14124	0	14124	2781	16905	49.98
11	4072	348	386	4806	1519	3277	0	186	5694	5152	-1368	13572	0	13572	3019	16591	50.05
12	4062	342	368	4772	1745	3254	0	207	5782	5178	-1631	13525	0	13525	3047	16572	50.05
13	3893	327	392	4612	1544	3096	0	181	5723	5213	-1673	12973	0	12973	2963	15936	50.04
14	3889	266	381	4536	1915	2822	0	223	5255	5171	-1546	13121	0	13121	2871	15992	50.03
15	3877	321	394	4592	1929	2792	0	139	4813	5026	-1418	13060	0	13060	2809	15869	50.00
16	3867	248	383	4498	1835	2805	0	161	4791	4754	-1450	12603	0	12603	2768	15371	50.02
17	3834	238	391	4463	1945	2905	0	121	4352	4644	-1370	12708	0	12708	2746	15454	50.01
18	3842	321	381	4544	2003	2906	0	39	4252	4433	-1313	12612	0	12612	2722	15334	50.02
19	3944	397	379	4720	1913	3378	0	3	4624	4690	-1247	13457	0	13457	2672	16129	49.95
20	4060	473	386	4919	1756	3664	0	0	4485	4483	-1124	13698	0	13698	2705	16403	49.83
21	4092	378	382	4852	1878	3706	0	0	4331	4357	-923	13870	0	13870	2677	16547	49.96
22	3979	230	393	4602	2051	3642	0	0	4208	4037	-955	13377	0	13377	2459	15836	50.00
23	3845	327	383	4555	1972	3301	0	0	3914	3951	-1044	12735	0	12735	2354	15089	49.95
24	3778	287	383	4448	1820	3054	0	0	3740	3929	-1002	12249	0	12249	2189	14438	50.00
MUs	94.57	8.29	9.26	112.12	37.83	75.50	0.00	1.55	110.35	111.12	-25.31	312.81	0.00	312.81	57.60	370.41	50.00

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 19/Jul/2017

Position as on 6.30 Hrs of 20/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	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
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	
CPP	SWPGL U-4	135	19/07/2017	03.50		Continued.	ID Fan Problem	
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.	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 19/Jul/2017

Position as on 6.30 Hrs of 20/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.	
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	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyana 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	
CPP	SWPGL U-3	135	20/07/2017	02.03	20/07/2017	04.49	wet coal.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 20/Jul/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	12/07/2017	20.45		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	13/07/2017	18.27		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	hand tripped to control load
Padghe - Nagothane - II	IntraState	18/07/2017	17.03	19/07/2017	22.42	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph unit with overhauled unit.
400/220KV 500MVA ICT1@koradi 2	IntraState	19/07/2017	10.34		Continued.	PO	daignostic testing.
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.
Koradi II - Kawlewada	IntraState	19/07/2017	09.53	19/07/2017	14.04	EO	Attending Hot Spot
Kalwa - Siemens	IntraState	19/07/2017	10.09	19/07/2017	16.28	PO	construction work.
Badnera - Amravati	IntraState	19/07/2017	12.24	19/07/2017	16.40	PO	Capacitance and Tan Delta Measurment of CC
Osmanabad - Barshi	IntraState	19/07/2017	13.20	19/07/2017	15.38	PO	work at barshi end.
Malharpeth - Karad(400kv)	IntraState	20/07/2017	05.31		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)
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	19/07/2017	12.55	19/07/2017	20.26	PO	Testing Work
132 KV LINE Outages/Trippings							
Parli 2(Girwali) -Gangakhed	IntraState	19/07/2017	00.40	19/07/2017	10.10	T	Distance Protection
Kanhan-Pench	IntraState	19/07/2017	20.34	19/07/2017	20.58	T	Distance Protection

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