

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 13/Jul/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.231	1405.363	1) Gujrat	-1.606	-41.757
2) Hydro	5.294	63.109	2) Madhya Pradesh	13.853	128.772
3) Gas	9.598	102.238	3) Chattisgarh	5.170	60.770
Total MSPGCL	131.123	1570.710	4) Maharashtra	94.941	1222.788
B) 1) APLM	70.693	727.084	5) Goa (Amona)	-0.616	-6.974
2) JSWEL	23.840	265.348	Total	111.742	1363.599
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.963	287.772
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	25.771	366.198
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.462	73.373
6) Other IPP	2.719	35.475	Include PX	-5.504	-91.890
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.963	287.772
C) 1) TPCL Thermal	13.660	167.504	Include PX	7.855	106.362
2) TPCL Hydro	5.145	54.794	Standby	0.000	0.000
3) TPCL Gas	4.365	48.416	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.864	123.979	1) MSEDCL	356.237	4336.985
D) STATE			2) Mumbai Discoms	58.805	760.892
1) Thermal	237.007	2728.410	TOTAL STATE	415.042	5097.877
(A1+C1+C4+(B1-B6))					
2) Hydro	10.439	117.903			
(A2+C2)					
3) Gas	13.963	150.654			
(A3+B7+C3)					
4) Wind	36.369	681.520			
6) SOLAR	5.522	55.790			
TOTAL STATE	303.300	3734.277			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4802	4476	4896	4607
MSPGCL Hydro	105	349	403	53
MSPGCL Gas	408	392	388	411
MSPGCL Total Generation	5315	5217	5687	5071
Central Sector Receipt	5100	4868	5328	4113
WIND	1762	2165	1524	1027
CPP / IPP Thermal	4207	3603	4263	4177
CPP / IPP Gas	0	0	0	0
SOLAR	640	692	0	0
Exchange with Mumbai	-1494	-1481	-1135	-775
MSEDCL DEMAND MET	15530	15064	15667	13613
Load Shedding	0	0	0	0
MSEDCL DEMAND	15530	15064	15667	13613
TPCL GENERATION	985	1005	1037	786
AEML GENERATION	374	374	496	372
MUMBAI DEMAND	2853	2860	2668	1933
STATE DEMAND MET	18383	17924	18335	15546
STATE DEMAND	18383	17924	18335	15546
Frequency (Hz)	49.96	49.97	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.05 Hrs	49.81 Hz at 11.48 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 13/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	30.82	0	0
Unit 7	0.00	16.65	0	0
Unit 8	7.42	77.42	350	277
Unit 9	8.56	104.92	386	343
Unit 10	8.39	56.63	360	338
Total	24.37	286.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.22	125.30	500	360
Unit 5	10.06	119.38	500	360
Total	20.27	244.68		
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	2.72	17.52	119	107
Unit 4	2.34	40.04	105	86
Unit 5	6.93	87.87	300	274
Unit 6	6.67	82.75	300	230
Unit 7	6.67	89.71	293	262
Unit 8	9.02	93.39	420	300
Unit 9	4.57	90.64	300	0
Total	38.92	501.92		
Paras				
Unit 3	5.60	65.71	254	187
Unit 4	3.94	44.02	231	0
Total	9.54	109.73		
Khaparkheda				
Unit 1	3.12	41.30	170	105
Unit 2	2.96	27.00	160	105
Unit 3	2.66	39.24	170	0
Unit 4	3.60	45.32	165	135
Unit 5	0.09	3.94	91	0
Total	12.42	156.80		
Nasik				
Unit 3	3.33	34.34	165	110
Unit 4	3.89	52.43	186	137
Unit 5	3.48	19.04	178	130
Total	10.70	105.80		
Uran				
All Units	9.60	102.24	413	386
Total	9.60	102.24		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	2.12	20.95	250	40
Stage 4	0.37	2.05	130	0
Stage 3	1.13	16.54	160	0
Total	3.62	39.55		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.36	5.36	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	5.47	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.13	2.40	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	1.27	9	8
GHATGHAR	0.53	7.91	125	0
Total	1.67	23.56		
Wind				
Total	36.37	681.52	0	0
Total	36.37	681.52		
CPP				
APML(Mus)	70.69	727.08	0	0
JSWEL(Mus)	23.84	265.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.72	35.48	0	0
Total	97.25	1031.56		
SOLAR				
Total	5.52	55.79	0	0
Total	5.52	55.79		
Tata				
Trombay 5	8.72	104.79	459	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	29.80	117	110
Trombay 7B	1.59	18.61	67	66
Trombay 8	4.94	62.71	226	198
TATA Hydro	5.14	54.79	320	94
Total	23.17	270.71		
AEML				
DTPS U-1&2	9.86	123.98	501	371
Total	9.86	123.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.23	1405.36	MSPGCL Total	131.12	1570.71
			MSPGCL Thml+Gas	125.83	1507.60	Koyna 1,2 & 4 Total	2.49	23.00
			MSPGCL Hydro	5.29	63.11	State Total	303.30	3734.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Jul/2019

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	4880	335	402	5617	836	4413	0	0	3810	3970	-798	14038	0	14038	2323	16361	49.98
2	4801	273	401	5475	784	4406	0	0	3543	3716	-630	13751	0	13751	2149	15900	50.02
3	4785	64	402	5251	998	4300	0	0	3935	3811	-660	13700	0	13700	2014	15714	50.00
4	4607	53	411	5071	1027	4177	0	0	4101	4113	-775	13613	0	13613	1933	15546	50.01
5	4694	48	403	5145	1035	4097	0	0	4252	4370	-744	13903	0	13903	1905	15808	50.05
6	5052	48	402	5502	1028	4246	0	0	4603	4511	-696	14591	0	14591	1977	16568	50.02
7	5142	344	413	5899	918	4409	0	55	4619	4931	-544	15668	0	15668	2057	17725	50.05
8	5173	189	402	5764	902	4345	0	199	4860	5105	-664	15651	0	15651	2174	17825	50.06
9	5189	89	397	5675	1285	4266	0	398	5095	5026	-1022	15628	0	15628	2399	18027	50.05
10	5011	128	386	5525	1456	4199	0	486	5204	5127	-1331	15462	0	15462	2646	18108	50.05
11	4802	105	408	5315	1762	4207	0	640	5186	5100	-1494	15530	0	15530	2853	18383	49.96
12	4698	144	392	5234	2044	4030	0	632	5205	5010	-1527	15423	0	15423	2922	18345	49.96
13	4476	349	392	5217	2165	3603	0	692	4791	4868	-1481	15064	0	15064	2860	17924	49.97
14	4605	298	397	5300	1944	3440	0	712	4708	4264	-1405	14255	0	14255	2715	16970	50.01
15	4737	391	404	5532	1947	3407	0	658	4452	4703	-1330	14917	0	14917	2706	17623	49.98
16	4737	309	397	5443	2098	3437	0	521	4740	4618	-1280	14837	0	14837	2649	17486	49.97
17	4607	459	399	5465	2110	3357	0	316	4589	4844	-1306	14786	0	14786	2617	17403	50.03
18	4552	421	397	5370	2244	3425	0	173	4894	4925	-1304	14833	0	14833	2612	17445	50.01
19	4651	107	405	5163	1790	3747	0	40	5157	5168	-1330	14578	0	14578	2624	17202	50.03
20	4896	403	388	5687	1524	4263	0	0	5045	5328	-1135	15667	0	15667	2668	18335	50.01
21	5003	247	400	5650	1591	4394	0	0	4989	4985	-996	15624	0	15624	2648	18272	50.01
22	5073	194	397	5664	1578	4329	0	0	4853	4727	-1106	15192	0	15192	2543	17735	49.99
23	5007	209	395	5611	1475	4378	0	0	4420	4482	-1133	14813	0	14813	2439	17252	49.99
24	5053	87	408	5548	1828	4377	0	0	3998	4040	-1080	14713	0	14713	2372	17085	49.99
MUs	116.23	5.29	9.60	131.12	36.37	97.25	0.00	5.52	111.05	111.74	-25.77	356.24	0.00	356.24	58.81	415.04	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 13/Jul/2019

Position as on 6.30 Hrs of 14/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 5	500	02/07/2019	01.25	13/07/2019	22.59	Generator Elect. Fault	
MSPGCL	Khaparkheda Unit 3	210	11/07/2019	11.11	13/07/2019	05.34	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	11/07/2019	23.34		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 7	210	11/07/2019	23.45		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	13/07/2019	11.34	13/07/2019	13.32	BFP PROBLEM.	
MSPGCL	Chandrapur Unit 9	500	13/07/2019	17.00		Continued.	ACW LINE LEAKAGE.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 14/Jul/2019

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							
HVDC Pole-I	IntraState	13/07/2019	09.40	13/07/2019	10.45	PO	Converter TF Problem.
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	27/06/2019	19.16		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33	13/07/2019	09.00	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	11/07/2019	01.14		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/07/2019	18.31		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/07/2019	01.12	13/07/2019	06.19	HT	Over Voltage
Aurangabad - Aurangabad(PG) I	IntraState	13/07/2019	09.38	13/07/2019	17.25	PO	Line Maintenance work
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Dhule- Bableshwar - I	IntraState	13/07/2019	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/07/2019	17.39		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/07/2019	23.04	14/07/2019	09.19	HT	Over Voltage
Chandrapur-Parali III	IntraState	14/07/2019	09.21	14/07/2019	18.29	PO	Replacement of broken spacer cum vibration Damper
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Relay Under Les.
400/220kv 315 Mva ICT I @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Replay Under Les.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10		Continued.	T	Distance Protection
Kalwa 52B Interconnector CB	IntraState	12/07/2019	13.06	13/07/2019	16.02	PO	To Reduce Fault Level
Badnera-Akola li	IntraState	13/07/2019	09.02	13/07/2019	19.52	PO	Erection of Tower At Loc No.08 In R/O 220KV Badnera-Ner SCDC Line Phase 1.
Badnera-Akola I	IntraState	13/07/2019	09.02	13/07/2019	19.51	PO	Erection of Tower At Loc No.08 In R/O 220KV Badnera-Ner SCDC Line Phase 1.
Peth- Mudshingi -I	IntraState	13/07/2019	10.14	13/07/2019	12.25	PO	Line Maintenance work
Kalwa - Colourchem	IntraState	13/07/2019	12.40	13/07/2019	15.24	PO	LTS Scheme Commissioning.
Pophli Pedhmbe Line- 1	IntraState	13/07/2019	13.15	13/07/2019	14.20	PO	CT Oil Leakage.
Apta - Talaja	IntraState	13/07/2019	15.55	14/07/2019	02.10	EO	Attending Hot Spot at Loc no. 640 Middle Phase 134 Degree And Repairing of Damaged Conductor.
Mahad-Kandalgaon	IntraState	13/07/2019	18.15	14/07/2019	00.35	T	Due To R-PH LA Burst.Replacement Work In
Bableshwar -Ahamadnagar-I	IntraState	13/07/2019	18.33	13/07/2019	21.03	T	Distance Protection,Y-PH,Z-1.51.8KM,4.2KA AT Bableshwar.
Chakan-Bhosari	IntraState	14/07/2019	10.47	14/07/2019	15.43	EO	Attending Hot Spot

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 14/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Emco Ptr 3 @Colourchem	IntraState	01/11/2018	21.15	14/07/2019	19.40	PO	Repaired T/F Failed,Now New T/F Commisioned
220/100 KV 200MVA ICT II @ Pal	IntraState	13/07/2019	11.45	13/07/2019	14.20	PO	LV Side Tertiary Leakage Attending Work.
220/33kv 100 Mva Transformer 1 @Aarey R/S	IntraState	13/07/2019	14.17	13/07/2019	16.40	PO	Line Maintenance work
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD-- > Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER