

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jul/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.857	3105.613	1) Gujrat	-4.358	-78.834
2) Hydro	5.360	148.436	2) Madhya Pradesh	7.785	237.894
3) Gas	6.899	214.865	3) Chattisgarh	2.350	96.600
Total MSPGCL	134.116	3468.914	4) Maharashtra	84.322	2611.155
B) 1) APML	56.870	1605.905	5) Goa (Amona)	-0.528	-12.012
2) JSWEL	21.436	576.970	Total	89.571	2854.803
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.662	586.446
4) RPL(AMT)	4.226	137.375	b) Mumbai Drawl	31.214	753.650
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.670	222.554
6) Other IPP	2.372	64.189	Include PX	-4.656	-120.308
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.662	586.446
C) 1) TPCL Thermal	12.104	344.377	Include PX	3.608	175.481
2) TPCL Hydro	4.322	122.782	Standby	0.000	0.000
3) TPCL Gas	3.967	101.832	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.972	252.014	1) MSEDCL	339.889	9171.318
D) STATE			2) Mumbai Discoms	60.580	1574.659
1) Thermal	227.837	6086.443	TOTAL STATE	400.469	10745.977
(A1+C1+C4+(B1-B6))					
2) Hydro	9.682	271.218			
(A2+C2)					
3) Gas	10.866	316.697			
(A3+B7+C3)					
4) Wind	59.621	1093.430			
6) SOLAR	2.891	123.382			
TOTAL STATE	310.897	7891.170			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5083	5059	5148	4899
MSPGCL Hydro	299	228	631	210
MSPGCL Gas	235	233	244	284
MSPGCL Total Generation	5617	5520	6023	5393
Central Sector Receipt	5015	4297	3292	2283
WIND	2037	2529	2846	2822
CPP / IPP Thermal	3800	3413	3490	3298
CPP / IPP Gas	0	0	0	0
SOLAR	256	365	0	0
Exchange with Mumbai	-1526	-1724	-1292	-1168
MSEDCL DEMAND MET	15199	14400	14359	12628
Load Shedding	0	0	0	0
MSEDCL DEMAND	15199	14400	14359	12628
TPCL GENERATION	1035	1039	959	700
AEML GENERATION	373	374	373	374
MUMBAI DEMAND	2934	3137	2624	2242
STATE DEMAND MET	18133	17537	16983	14870
STATE DEMAND	18133	17537	16983	14870
Frequency (Hz)	49.93	50.04	49.98	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 16.04 Hrs	49.76 Hz at 05.16 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 26/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.73	58.56	130	0
Unit 7	2.26	41.22	130	35
Unit 8	0.04	190.87	38	0
Unit 9	0.00	154.80	0	0
Unit 10	9.87	142.32	450	364
Total	14.89	587.77		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.64	255.66	360	360
Unit 5	8.50	240.07	365	330
Total	17.14	495.73		
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	3.58	66.85	163	126
Unit 4	3.36	82.21	163	113
Unit 5	7.48	187.98	370	144
Unit 6	8.69	193.96	370	355
Unit 7	8.58	200.26	375	216
Unit 8	8.72	217.27	370	360
Unit 9	8.63	152.92	362	340
Total	49.04	1101.45		
Paras				
Unit 3	4.51	118.90	201	150
Unit 4	4.71	109.04	200	188
Total	9.22	227.94		
Khaparkheda				
Unit 1	3.68	86.06	165	140
Unit 2	3.38	72.52	160	120
Unit 3	3.76	89.45	164	145
Unit 4	0.00	60.36	0	0
Unit 5	9.06	129.41	380	370
Total	19.87	437.79		
Nasik				
Unit 3	3.87	86.61	165	158
Unit 4	3.92	97.00	170	157
Unit 5	3.90	71.32	167	159
Total	11.69	254.94		
Uran				
All Units	6.90	214.86	382	232
Total	6.90	214.86		
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	1.46	53.41	155	40
Stage 4	0.14	16.60	138	0
Stage 3	1.81	35.84	240	0
Total	3.42	105.86		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.22	6.88	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	10.78	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.25	6.23	33	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	2.68	10	9
GHATGHAR	0.80	14.86	250	0
Total	1.94	42.58		
Wind				
Total	59.62	1093.43	0	0
Total	59.62	1093.43		
CPP				
APML(Mus)	56.87	1605.90	0	0
JSWEL(Mus)	21.44	576.97	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.23	137.38	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.37	64.19	0	0
Total	84.90	2384.44		
SOLAR				
Total	2.89	123.38	0	0
Total	2.89	123.38		
Tata				
Trombay 5	7.39	217.27	318	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	63.42	116	64
Trombay 7B	1.49	38.42	67	50
Trombay 8	4.72	127.10	199	194
TATA Hydro	4.32	122.78	362	0
Total	20.39	568.99		
AEML				
DTPS U-1&2	8.97	252.01	375	372
Total	8.97	252.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.86	3105.61	MSPGCL Total	134.12	3468.91
			MSPGCL Thml+Gas	128.76	3320.48	Koyna 1,2 & 4 Total	1.60	70.01
			MSPGCL Hydro	5.36	148.44	State Total	310.90	7891.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4999	49	382	5430	2016	3718	0	0	4098	4110	-1217	14057	0	14057	2224	16281	49.98
2	4980	49	361	5390	2015	3532	0	0	3932	3788	-1057	13668	0	13668	2040	15708	49.99
3	4961	54	363	5378	2285	3534	0	0	3705	3688	-956	13929	0	13929	1934	15863	50.00
4	5023	54	358	5435	2173	3526	0	0	3639	3677	-901	13910	0	13910	1870	15780	50.04
5	5068	89	370	5527	2201	3548	0	0	3521	3580	-880	13976	0	13976	1852	15828	49.97
6	5100	154	364	5618	2237	3763	0	0	4546	4305	-968	14955	0	14955	1950	16905	49.92
7	5144	295	365	5804	2185	3697	0	12	4754	4576	-1044	15230	0	15230	2091	17321	49.95
8	5172	404	371	5947	2186	3734	0	79	4645	4926	-1176	15696	0	15696	2292	17988	50.02
9	5123	347	245	5715	2111	3801	0	167	4705	4966	-1312	15448	0	15448	2603	18051	49.99
10	5083	299	235	5617	2037	3800	0	256	4985	5015	-1526	15199	0	15199	2934	18133	49.93
11	5072	123	241	5436	2155	3803	0	366	5215	4837	-1735	14862	0	14862	3165	18027	50.01
12	5088	111	232	5431	2078	3522	0	445	4980	4923	-1827	14572	0	14572	3219	17791	50.05
13	5059	228	233	5520	2529	3413	0	365	4655	4297	-1724	14400	0	14400	3137	17537	50.04
14	5082	100	259	5441	2811	3460	0	351	4096	3777	-1670	14170	0	14170	2941	17111	50.04
15	5104	90	238	5432	2816	3444	0	267	3461	3079	-1537	13501	0	13501	2933	16434	49.99
16	5107	95	249	5451	3073	3447	0	260	3221	2912	-1530	13613	0	13613	2895	16508	50.01
17	5072	95	253	5420	2978	3469	0	200	2749	2867	-1431	13503	0	13503	2842	16345	50.00
18	5108	277	250	5635	2755	3444	0	105	2772	3034	-1389	13584	0	13584	2817	16401	49.94
19	5125	500	241	5866	2811	3470	0	18	3033	3012	-1364	13813	0	13813	2744	16557	49.97
20	5148	631	244	6023	2846	3490	0	0	3492	3292	-1292	14359	0	14359	2624	16983	49.98
21	5128	551	262	5941	2838	3328	0	0	3427	3172	-1202	14077	0	14077	2505	16582	50.06
22	5136	325	241	5702	2812	3324	0	0	2944	2826	-1102	13562	0	13562	2411	15973	50.05
23	5076	230	258	5564	2851	3339	0	0	2486	2629	-1206	13177	0	13177	2314	15491	50.04
24	4899	210	284	5393	2822	3298	0	0	2466	2283	-1168	12628	0	12628	2242	14870	50.05
MUs	121.86	5.36	6.90	134.12	59.62	84.90	0.00	2.89	91.53	89.57	-31.21	339.89	0.00	339.89	60.58	400.47	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 26/Jul/2019

Position as on 6.30 Hrs of 27/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)	
MSPGCL	Koyna Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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.	Coal Shortage	
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	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem	
MSPGCL	Koyna STG-IV Unit-2	250	18/07/2019	15.00		Continued.	Checking of Generator Protection System	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-3	270	25/07/2019	18.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	26/07/2019	00.15		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 6	108	26/07/2019	07.59	26/07/2019	22.37	Bearing Oil Pressure Low.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	26/07/2019	22.39	27/07/2019	04.50	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 27/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	26/07/2019	10.02	26/07/2019	18.27	PO	Routine Maintenance Work
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	23/07/2019	14.32	26/07/2019	11.03	EO	Replacement of Flashover Disc Insulator String
Dhule Sar'Sarovar II	InterState	26/07/2019	19.03		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
New Koyna - Dabhol - II	IntraState	24/07/2019	10.28	26/07/2019	08.57	PO	Routine Maintenance Work
Dhule- Bableswhar - I	IntraState	25/07/2019	21.47	26/07/2019	11.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/07/2019	02.40	26/07/2019	14.24	T	Y-Phase LA Burst
Chandrapur-II - Nanded ckt II	IntraState	26/07/2019	06.12		Continued.	T	Distance Protection(Earth Wire broken at Loc.497)
Deepnagar Taptitanda	IntraState	26/07/2019	23.29		Continued.	EO	Insulator Replacement Work
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.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	25/07/2019	03.48	26/07/2019	12.09	T	220KV Bus-I Protection Operated at Kharghar
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)
Kharghar-Borivali ckt I	IntraState	25/07/2019	03.48	26/07/2019	00.05	T	Bus Bar Protection Operated at Kharghar
TPC Borivali Aarey Line 1	IntraState	25/07/2019	23.11	26/07/2019	06.41	PO	Metro Work
Kharghar-Sonkhar	IntraState	26/07/2019	01.50	26/07/2019	02.22	T	Distance Protection
Trombay - Mulund	IntraState	26/07/2019	09.23	26/07/2019	09.42	PO	To open Isolator Tie-1 side
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	26/07/2019	10.10		Continued.	PO	Replacement of Existing CTs RCC Structure
Chalishaon-Sayne	IntraState	26/07/2019	10.26	26/07/2019	14.55	EO	To attend Hot Spot
MALEGAON - KALWAN CKT-2	IntraState	26/07/2019	11.55	26/07/2019	17.09	PO	Bus Section Jumpering work
Trombay MSETCL Tie 1	IntraState	26/07/2019	15.37		Continued.	T	Tripped at Trombay end
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/07/2019	01.01		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	26/07/2019	14.15	26/07/2019	15.53	EO	Relay replacement

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