

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jul/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.774	3418.288	1) Gujrat	-3.652	-92.499
2) Hydro	6.065	166.766	2) Madhya Pradesh	8.292	259.743
3) Gas	8.867	241.585	3) Chattisgarh	3.310	105.310
Total MSPGCL	110.706	3826.639	4) Maharashtra	81.307	2825.204
B) 1) APLM	60.332	1780.561	5) Goa (Amona)	-0.506	-13.948
2) JSWEL	20.466	638.820	Total	88.751	3083.810
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.330	651.013
4) RPL(AMT)	0.000	137.375	b) Mumbai Drawl	28.495	835.489
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.730	246.629
6) Other IPP	2.039	70.664	Include PX	-4.579	-136.499
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.330	651.013
C) 1) TPCL Thermal	12.400	380.261	Include PX	6.938	194.099
2) TPCL Hydro	5.493	133.188	Standby	0.000	0.000
3) TPCL Gas	3.811	112.196	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.562	279.500	1) MSEDCL	317.295	10121.219
D) STATE			2) Mumbai Discoms	59.761	1740.638
1) Thermal	200.573	6705.469	TOTAL STATE	377.056	11861.857
(A1+C1+C4+(B1-B6))					
2) Hydro	11.558	299.954			
(A2+C2)					
3) Gas	12.678	353.781			
(A3+B7+C3)					
4) Wind	61.734	1288.582			
6) SOLAR	1.762	130.257			
TOTAL STATE	288.305	8778.043			

* 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 3 Hrs
MSPGCL Thermal	4048	3970	4100	4042
MSPGCL Hydro	298	280	274	60
MSPGCL Gas	379	392	386	370
MSPGCL Total Generation	4725	4642	4760	4472
Central Sector Receipt	4666	4171	4273	2488
WIND	2756	2605	2459	2454
CPP / IPP Thermal	3848	3485	3917	3224
CPP / IPP Gas	0	0	0	0
SOLAR	134	229	0	0
Exchange with Mumbai	-1488	-1622	-1003	-812
MSEDCL DEMAND MET	14641	13510	14406	11826
Load Shedding	0	0	0	0
MSEDCL DEMAND	14641	13510	14406	11826
TPCL GENERATION	1030	1049	1180	669
AEML GENERATION	374	375	500	373
MUMBAI DEMAND	2892	3046	2683	1854
STATE DEMAND MET	17533	16556	17089	13680
STATE DEMAND	17533	16556	17089	13680
Frequency (Hz)	49.99	50.02	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.02 Hrs	49.84 Hz at 13.30 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 29/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	59.84	0	0
Unit 7	0.00	42.59	0	0
Unit 8	0.00	190.87	0	0
Unit 9	0.00	154.80	0	0
Unit 10	8.22	171.59	372	287
Total	8.22	619.69		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.52	281.46	365	330
Unit 5	8.55	265.88	365	330
Total	17.07	547.35		
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	1.30	73.62	84	30
Unit 4	1.77	89.39	98	51
Unit 5	8.20	213.42	370	280
Unit 6	8.52	219.19	368	340
Unit 7	0.00	200.26	0	0
Unit 8	6.78	241.58	360	258
Unit 9	6.64	177.01	336	245
Total	33.22	1214.47		
Paras				
Unit 3	4.81	133.35	238	186
Unit 4	4.72	123.27	230	183
Total	9.54	256.62		
Khaparkheda				
Unit 1	2.72	95.37	130	75
Unit 2	2.46	80.46	125	85
Unit 3	2.41	99.01	140	0
Unit 4	0.00	60.36	0	0
Unit 5	8.68	155.60	400	340
Total	16.28	490.81		
Nasik				
Unit 3	3.69	97.86	165	132
Unit 4	3.84	108.49	168	135
Unit 5	3.93	82.99	168	160
Total	11.46	289.35		
Uran				
All Units	8.87	241.58	397	275
Total	8.87	241.58		
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	1.62	59.42	200	40
Stage 4	0.19	16.80	130	0
Stage 3	2.36	42.24	160	0
Total	4.16	118.46		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.00	7.85	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	12.00	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.58	7.74	28	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	3.46	12	11
GHATGHAR	0.59	16.10	179	0
Total	1.90	48.31		
Wind				
Total	61.73	1288.58	0	0
Total	61.73	1288.58		
CPP				
APML(Mus)	60.33	1780.56	0	0
JSWEL(Mus)	20.47	638.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	137.38	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.04	70.66	0	0
Total	82.84	2627.42		
SOLAR				
Total	1.76	130.26	0	0
Total	1.76	130.26		
Tata				
Trombay 5	7.63	238.95	434	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.35	69.64	116	64
Trombay 7B	1.46	42.55	67	51
Trombay 8	4.77	141.31	219	193
TATA Hydro	5.49	133.19	403	38
Total	21.70	625.64		
AEML				
DTPS U-1&2	9.56	279.50	501	373
Total	9.56	279.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	95.77	3418.29	MSPGCL Total	110.71	3826.64
			MSPGCL Thml+Gas	104.64	3659.87	Koyna 1,2 & 4 Total	1.80	76.22
			MSPGCL Hydro	6.06	166.77	State Total	288.30	8778.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4109	51	380	4540	2451	3214	0	0	2720	2916	-1065	12056	0	12056	2122	14178	50.00
2	4083	56	382	4521	2477	3186	0	0	2896	2591	-922	11853	0	11853	1964	13817	50.05
3	4042	60	370	4472	2454	3224	0	0	2620	2488	-812	11826	0	11826	1854	13680	50.02
4	4078	87	391	4556	2667	3224	0	0	2420	2634	-780	12301	0	12301	1790	14091	50.04
5	3883	107	292	4282	2795	3240	0	0	2537	2798	-775	12340	0	12340	1785	14125	50.00
6	3870	157	275	4302	2732	3247	0	0	3156	3416	-826	12871	0	12871	1911	14782	49.99
7	3911	337	293	4541	2631	3562	0	9	4044	4346	-975	14114	0	14114	2076	16190	49.98
8	3863	252	379	4494	2621	3667	0	52	4547	4851	-1209	14476	0	14476	2265	16741	50.01
9	3847	408	380	4635	2782	3595	0	89	4678	4882	-1380	14603	0	14603	2592	17195	50.01
10	4048	298	379	4725	2756	3848	0	134	4809	4666	-1488	14641	0	14641	2892	17533	49.99
11	3920	280	370	4570	2605	3745	0	222	4687	4574	-1630	14086	0	14086	3085	17171	50.05
12	3918	280	366	4564	2602	3592	0	213	4587	4315	-1664	13622	0	13622	3118	16740	49.98
13	3970	280	392	4642	2605	3485	0	229	4305	4171	-1622	13510	0	13510	3046	16556	50.02
14	4010	375	378	4763	2571	3282	0	245	3681	3697	-1518	13040	0	13040	2909	15949	49.95
15	4022	325	365	4712	2557	3196	0	239	3713	3643	-1508	12839	0	12839	2901	15740	49.95
16	3998	305	370	4673	2411	3173	0	190	3741	3902	-1439	12910	0	12910	2834	15744	49.98
17	3951	290	395	4636	2444	3178	0	97	3954	4102	-1422	13035	0	13035	2811	15846	50.00
18	3956	410	394	4760	2223	3243	0	39	4441	3671	-1412	12524	0	12524	2771	15295	49.95
19	4100	427	387	4914	2382	3787	0	4	4425	4295	-1208	14174	0	14174	2731	16905	50.03
20	4100	274	386	4760	2459	3917	0	0	4340	4273	-1003	14406	0	14406	2683	17089	50.00
21	4027	299	387	4713	2776	3800	0	0	3927	3671	-830	14130	0	14130	2564	16694	50.01
22	4039	275	386	4700	2877	3649	0	0	3045	3009	-852	13383	0	13383	2440	15823	50.04
23	4035	272	397	4704	2347	3531	0	0	2711	3014	-1105	12491	0	12491	2364	14855	50.05
24	3994	160	373	4527	2509	3252	0	0	2862	2826	-1050	12064	0	12064	2253	14317	50.03
MUs	95.77	6.07	8.87	110.71	61.73	82.84	0.00	1.76	88.85	88.75	-28.49	317.29	0.00	317.29	59.76	377.06	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 29/Jul/2019

Position as on 6.30 Hrs of 30/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	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
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-2	250	18/07/2019	15.00	29/07/2019	17.15	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.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jul/2019

Position as on 6.30 Hrs of 30/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	28/07/2019	19.33	29/07/2019	03.11	Flame Failure	
MSPGCL	Khaparkheda Unit 3	210	29/07/2019	03.40	29/07/2019	08.35	Flame Failure	
MSPGCL	Uran Unit A0	120	29/07/2019	03.59	29/07/2019	06.30	TBC Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 30/Jul/2019

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	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
Dhule - Bableshwar - II	IntraState	25/07/2019	21.47		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	27/07/2019	07.34	29/07/2019	17.00	T	Distance Protection, String Broken At Loc 87.
Karad-Jaigad - I	IntraState	29/07/2019	23.59		Continued.	HT	Over Voltage
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.
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 Tarapur	InterState	29/07/2019	17.50	29/07/2019	19.00	HT	Directional Earth Fault.
Boiser(M)-Boiser(PG) -III	InterState	29/07/2019	17.50		Continued.	T	R-Phase Jumper Broken Loc no 18. of 220KV PGCIL Line 3.
Boisar(MS) - Boisar (PG) - I	InterState	29/07/2019	17.50	29/07/2019	18.44	T	OPGW Snapped In Lc no. 16 to 17A.
Boisar(MS) - Boisar (PG) II	InterState	29/07/2019	17.50	29/07/2019	19.40	T	OPGW Snapped In Lc no. 16 to 17A.
Borivali - Tarapur	InterState	29/07/2019	18.15	29/07/2019	18.57	HT	over Current.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Talandge-Hamidwada	IntraState	29/07/2019	10.47	29/07/2019	15.42	PO	Replacement Of CT Jumper.
Talandage(400kv) - Five Star Midc	IntraState	29/07/2019	11.14	29/07/2019	16.40	PO	C & Tan Delta Testing AMD QM Of Bay.
Badnera - Nandgaonpeth	IntraState	29/07/2019	11.40	29/07/2019	15.08	PO	Diagnostic Testing Work.
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	29/07/2019	15.19	29/07/2019	18.25	PO	Testing Work
Nalasopara-Boisar	IntraState	29/07/2019	17.50	29/07/2019	20.48	T	OPGW Snapped In Lc no. 16 to 17A.
Boisar Versova Line	IntraState	29/07/2019	17.51		Continued.	HT	To Control Loading.
Boisar(M) - Ghodbunder	IntraState	29/07/2019	18.44	29/07/2019	21.20	HT	To Control Loading.
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 5 @Aarey R/S	IntraState	29/07/2019	10.38	29/07/2019	13.00	PO	Re connection Of 33KV Sw.No.43 i/c Cable.

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