

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jul/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.158	2600.449	1) Gujrat	-3.058	-65.913
2) Hydro	11.522	130.442	2) Madhya Pradesh	5.893	208.374
3) Gas	6.692	182.372	3) Chattisgarh	1.300	88.210
Total MSPGCL	155.372	2913.263	4) Maharashtra	110.210	2197.841
B) 1) APML	60.188	1371.242	5) Goa (Amona)	-0.286	-10.164
2) JSWEL	26.174	485.645	Total	114.059	2418.348
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.928	492.254
4) RPL(AMT)	23.252	70.019	b) Mumbai Drawl	28.141	627.629
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.033	181.527
6) Other IPP	2.286	54.722	Include PX	-5.346	-105.389
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.928	492.254
C) 1) TPCL Thermal	15.637	293.824	Include PX	6.912	146.089
2) TPCL Hydro	6.617	101.048	Standby	0.000	0.000
3) TPCL Gas	4.190	85.408	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.223	215.172	1) MSEDCL	375.390	7700.805
D) STATE			2) Mumbai Discoms	65.808	1323.084
1) Thermal	275.918	5091.073	TOTAL STATE	441.198	9023.889
(A1+C1+C4+(B1-B6))					
2) Hydro	18.139	231.490			
(A2+C2)					
3) Gas	10.882	267.780			
(A3+B7+C3)					
4) Wind	16.839	909.269			
6) SOLAR	5.361	105.926			
TOTAL STATE	327.139	6605.538			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5834	5731	5697	5652
MSPGCL Hydro	436	725	1047	151
MSPGCL Gas	276	260	274	285
MSPGCL Total Generation	6546	6716	7018	6088
Central Sector Receipt	5721	5199	4802	4212
WIND	481	335	1038	644
CPP / IPP Thermal	4688	4873	4857	4158
CPP / IPP Gas	0	0	0	0
SOLAR	582	462	0	0
Exchange with Mumbai	-1579	-1508	-1107	-878
MSEDCL DEMAND MET	16439	16077	16608	14224
Load Shedding	0	0	0	0
MSEDCL DEMAND	16439	16077	16608	14224
TPCL GENERATION	1235	1256	1269	700
AEML GENERATION	410	498	499	375
MUMBAI DEMAND	3224	3262	2875	1953
STATE DEMAND MET	19663	19339	19483	16177
STATE DEMAND	19663	19339	19483	16177
Frequency (Hz)	49.96	49.97	49.88	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.02 Hrs	49.73 Hz at 18.57 Hrs	49.97	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 22/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.73	46.03	170	130
Unit 7	3.16	29.52	150	100
Unit 8	11.14	159.47	500	394
Unit 9	0.00	154.80	0	0
Unit 10	0.00	112.57	0	0
Total	18.03	502.39		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.90	218.54	505	480
Unit 5	8.40	204.33	440	325
Total	20.30	422.87		
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	4.22	51.43	180	153
Unit 4	3.55	69.04	165	110
Unit 5	9.03	165.27	414	340
Unit 6	9.04	161.21	405	335
Unit 7	9.07	165.82	429	305
Unit 8	9.54	180.19	430	372
Unit 9	10.12	116.17	495	390
Total	54.58	909.14		
Paras				
Unit 3	5.04	111.70	238	174
Unit 4	5.06	89.88	246	190
Total	10.11	201.58		
Khaparkheda				
Unit 1	2.91	72.15	150	100
Unit 2	3.42	58.41	150	120
Unit 3	4.09	73.86	182	154
Unit 4	0.00	60.36	0	0
Unit 5	10.30	91.87	460	400
Total	20.72	356.65		
Nasik				
Unit 3	4.39	71.22	191	165
Unit 4	4.65	81.10	203	165
Unit 5	4.37	55.50	195	159
Total	13.41	207.82		
Uran				
All Units	6.69	182.37	334	260
Total	6.69	182.37		
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	4.31	46.80	455	40
Stage 4	3.67	16.06	500	0
Stage 3	2.31	30.83	160	0
Total	10.29	93.69		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.00	5.36	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	9.04	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.43	5.76	45	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	2.40	0	0
GHATGHAR	0.38	13.03	125	0
Total	1.23	36.75		
Wind				
Total	16.84	909.27	0	0
Total	16.84	909.27		
CPP				
APML(Mus)	60.19	1371.24	0	0
JSWEL(Mus)	26.17	485.64	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.25	70.02	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.29	54.72	0	0
Total	111.90	1981.63		
SOLAR				
Total	5.36	105.93	0	0
Total	5.36	105.93		
Tata				
Trombay 5	10.37	185.88	483	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.65	53.08	116	75
Trombay 7B	1.54	32.33	67	53
Trombay 8	5.26	107.95	231	199
TATA Hydro	6.62	101.05	435	0
Total	26.44	480.28		
AEML				
DTPS U-1&2	11.22	215.17	500	374
Total	11.22	215.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.16	2600.45	MSPGCL Total	155.37	2913.26
			MSPGCL Thml+Gas	143.85	2782.82	Koyna 1,2 & 4 Total	7.98	62.86
			MSPGCL Hydro	11.52	130.44	State Total	327.14	6605.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5645	362	312	6319	887	4517	0	0	3967	3932	-950	14705	0	14705	2458	17163	49.95
2	5686	149	321	6156	898	4515	0	0	3652	3509	-822	14256	0	14256	2218	16474	50.04
3	5663	56	334	6053	781	4351	0	0	3886	4020	-831	14374	0	14374	2056	16430	50.03
4	5652	151	285	6088	644	4158	0	0	4047	4212	-878	14224	0	14224	1953	16177	50.01
5	5665	61	280	6006	624	4290	0	0	4415	4516	-861	14575	0	14575	1930	16505	49.99
6	5762	180	281	6223	619	4389	0	0	4806	4702	-887	15046	0	15046	2034	17080	49.94
7	5886	563	271	6720	569	4598	0	30	5051	4945	-817	16045	0	16045	2173	18218	49.95
8	5865	442	281	6588	530	4583	0	175	5099	5040	-890	16026	0	16026	2335	18361	50.01
9	5822	409	281	6512	543	4610	0	344	5017	4951	-1037	15923	0	15923	2662	18585	50.01
10	5809	436	277	6522	486	4663	0	474	5184	5113	-1216	16042	0	16042	2993	19035	49.92
11	5834	436	276	6546	481	4688	0	582	5426	5721	-1579	16439	0	16439	3224	19663	49.96
12	5663	460	263	6386	433	4789	0	707	5382	5283	-1734	15864	0	15864	3285	19149	49.99
13	5625	466	272	6363	438	4844	0	715	5351	5077	-1470	15967	0	15967	3248	19215	50.01
14	5699	311	260	6270	273	4721	0	677	5288	5300	-1487	15754	0	15754	3139	18893	49.94
15	5729	537	268	6534	352	4780	0	594	5311	5302	-1605	15957	0	15957	3217	19174	49.90
16	5731	725	260	6716	335	4873	0	462	5262	5199	-1508	16077	0	16077	3262	19339	49.97
17	5648	657	264	6569	444	4808	0	402	5118	5233	-1432	16024	0	16024	3245	19269	50.01
18	5639	611	275	6525	539	4778	0	170	5121	4989	-1335	15666	0	15666	3151	18817	50.00
19	5701	418	273	6392	925	4741	0	29	5062	5069	-1195	15961	0	15961	2991	18952	49.94
20	5730	966	265	6961	965	4823	0	0	5005	4583	-1172	16160	0	16160	2948	19108	49.93
21	5697	1047	274	7018	1038	4857	0	0	4753	4802	-1107	16608	0	16608	2875	19483	49.88
22	5738	837	275	6850	1271	4827	0	0	4436	4284	-1053	16179	0	16179	2813	18992	49.94
23	5640	677	266	6583	1344	4846	0	0	4302	4158	-1094	15837	0	15837	2808	18645	49.95
24	5629	565	278	6472	1420	4851	0	0	4175	4119	-1181	15681	0	15681	2790	18471	50.02
MUs	137.16	11.52	6.69	155.37	16.84	111.90	0.00	5.36	115.12	114.06	-28.14	375.39	0.00	375.39	65.81	441.20	49.97

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 22/Jul/2019

Position as on 6.30 Hrs of 23/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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	22/07/2019	05.34	Zero schedule.	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00	23/07/2019	04.54	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	
MSPGCL	Koradi Unit 10	660	20/07/2019	18.20		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	21/07/2019	00.17		Continued.	Boiler Maintenance work	
IPP	Adani U-2	660	21/07/2019	20.02		Continued.	Air pre heater problem.	
MSPGCL	Uran Unit 8	108	22/07/2019	03.08	23/07/2019	06.42	Turbine bearing Vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 23/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							
Chandrapur - Padghe Hvd Pole 1	IntraState	22/07/2019	14.55	22/07/2019	20.39	PO	Gas Leakage Attending 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	21/07/2019	05.30		Continued.	T	Distance Protection, Y-PH, 2.5KA, 136KM, patrolling in progress. Permit taken for signature analysis. (RFC 23.00)
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	13/07/2019	17.39	22/07/2019	15.18	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	22/07/2019	12.43	22/07/2019	14.33	EO	Hot Spot attending Works B-Bus B-Phase Isolator Hangger.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	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.
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 315MVA ICT-II @Akola (M)	IntraState	22/07/2019	11.04	22/07/2019	20.57	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.
Mudshingi Chikodi	InterState	22/07/2019	09.37	22/07/2019	14.28	PO	Bus Section-3 Outage At Mudshingi.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Nagothane - Posco	IntraState	21/07/2019	21.03	22/07/2019	12.45	T	Distance Protection, Z-1, Y-PH, 10.89KA, 8.8KM.
220 KV KRUSHNOOR - NANDED (KUMBHARGAON) CKT -1	IntraState	22/07/2019	05.18	22/07/2019	12.10	T	Tripped At Nanded End Only, Distance Protection operated, Z1, Y-E.. Approx 6 MW Load Affected Distance= 392 Meter. 1.2KA.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	22/07/2019	09.37	22/07/2019	13.28	PO	Bus Section-3 Outage At Mudshingi.
Talandge-Mudshingi Ckt-I	IntraState	22/07/2019	09.37	22/07/2019	17.20	PO	Bus Section-3 Outage At Mudshingi.
Talandge(400)- Mudshingi 2 Line	IntraState	22/07/2019	09.37	22/07/2019	18.38	PO	Bus Section-3 Outage At Mudshingi.
Peth- Mudshingi -I	IntraState	22/07/2019	09.37	22/07/2019	13.36	PO	Bus Section-3 Outage At Mudshingi.
Theur-Jejuri	IntraState	22/07/2019	09.41	22/07/2019	19.11	PO	Fixing of Jumper N&B At Various LOC.
Mudshingi-Wathar	IntraState	22/07/2019	12.00	22/07/2019	13.35	PO	Bus Section-2 Outage At Mudshingi.
Telco- Chinchwad	IntraState	22/07/2019	14.15	22/07/2019	18.52	EO	Attending Hot Spot

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