

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jun/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.238	3856.523	1) Gujrat	-4.632	-82.355
2) Hydro	3.664	94.273	2) Madhya Pradesh	4.851	149.446
3) Gas	7.282	155.291	3) Chattisgarh	3.570	86.210
Total MSPGCL	158.184	4106.087	4) Maharashtra	127.395	2892.026
B) 1) APML	46.385	1682.754	5) Goa (Amona)	-0.374	-9.724
2) JSWEL	25.738	599.918	Total	130.810	3035.603
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.792	729.404
4) RPL(AMT)	30.255	482.647	b) Mumbai Drawl	32.228	896.684
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.085	274.367
6) Other IPP	7.234	174.232	Include PX	-1.026	-99.960
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.792	729.404
C) 1) TPCL Thermal	15.701	336.452	Include PX	10.248	289.798
2) TPCL Hydro	4.433	92.873	Standby	0.000	0.000
3) TPCL Gas	4.376	102.846	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.901	243.972	1) MSEDCL	385.110	10112.630
D) STATE			2) Mumbai Discoms	67.639	1672.832
1) Thermal	283.452	7376.498	TOTAL STATE	452.749	11785.462
(A1+C1+C4+(B1-B6))					
2) Hydro	8.097	187.146			
(A2+C2)					
3) Gas	11.658	258.137			
(A3+B7+C3)					
4) Wind	12.868	777.652			
6) SOLAR	5.864	150.421			
TOTAL STATE	321.939	8749.854			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6160	6169	5867	6202
MSPGCL Hydro	87	251	579	47
MSPGCL Gas	274	320	352	279
MSPGCL Total Generation	6521	6740	6798	6528
Central Sector Receipt	5822	5795	5530	4957
WIND	261	594	887	285
CPP / IPP Thermal	4683	4643	4792	4091
CPP / IPP Gas	0	0	0	0
SOLAR	821	470	0	0
Exchange with Mumbai	-1631	-1504	-1230	-1048
MSEDCL DEMAND MET	16477	16738	16777	14813
Load Shedding	0	0	0	0
MSEDCL DEMAND	16477	16738	16777	14813
TPCL GENERATION	1193	1307	1221	698
AEML GENERATION	498	498	499	373
MUMBAI DEMAND	3322	3309	2950	2119
STATE DEMAND MET	19799	20047	19727	16932
STATE DEMAND	19799	20047	19727	16932
Frequency (Hz)	50.00	50.01	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.72 Hz at 19.25 Hrs	49.99	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 25/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.14	84.82	150	120
Unit 7	2.92	65.52	140	100
Unit 8	5.50	205.22	270	198
Unit 9	5.31	228.76	256	196
Unit 10	6.82	227.65	302	248
Total	23.68	811.98		
Bhusawal				
Unit 3	4.14	24.96	185	155
Unit 4	11.93	248.40	505	480
Unit 5	0.00	202.71	0	0
Total	16.08	476.07		
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	1.90	11.63	230	0
Unit 8	0.00	11.77	0	0
Total	1.90	23.39		
Chandrapur				
Unit 3	4.23	107.17	187	173
Unit 4	4.01	88.07	173	141
Unit 5	9.66	235.95	420	360
Unit 6	10.22	244.23	455	390
Unit 7	10.02	166.71	434	381
Unit 8	10.23	267.28	475	360
Unit 9	9.86	261.66	455	345
Total	58.23	1371.08		
Paras				
Unit 3	5.93	141.51	256	230
Unit 4	5.79	138.76	256	190
Total	11.72	280.27		
Khaparkheda				
Unit 1	2.69	73.83	130	90
Unit 2	3.00	71.28	140	85
Unit 3	3.64	88.29	165	128
Unit 4	3.28	90.11	170	0
Unit 5	10.21	266.43	440	400
Total	22.83	589.94		
Nasik				
Unit 3	4.38	102.58	191	161
Unit 4	4.58	103.29	205	160
Unit 5	3.83	97.93	165	155
Total	12.79	303.80		
Uran				
All Units	7.28	155.29	358	264
Total	7.28	155.29		
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	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	1.08	34.69	225	30
Stage 4	0.21	0.56	143	0
Stage 3	0.38	9.28	80	0
Total	1.66	44.53		
Hydro				
KDPH	0.36	7.98	15	15
VTRNA	0.00	17.02	0	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	5.37	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.48	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	2.05	2	1
GHATGHAR	1.44	13.16	250	0
Total	2.00	49.74		
Wind				
Total	12.87	777.65	0	0
Total	12.87	777.65		
CPP				
APML(Mus)	46.38	1682.75	0	0
JSWEL(Mus)	25.74	599.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	30.26	482.65	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.23	174.23	0	0
Total	109.61	2939.55		
SOLAR				
Total	5.86	150.42	0	0
Total	5.86	150.42		
Tata				
Trombay 5	10.44	212.75	482	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	64.74	117	115
Trombay 7B	1.59	38.10	67	66
Trombay 8	5.26	123.70	234	199
TATA Hydro	4.43	92.87	426	68
Total	24.51	532.17		
AEML				
DTPS U-1&2	10.90	243.97	500	373
Total	10.90	243.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.24	3856.52	MSPGCL Total	158.18	4106.09
			MSPGCL Thml+Gas	154.52	4011.81	Koyna 1,2 & 4 Total	1.29	35.25
			MSPGCL Hydro	3.66	94.27	State Total	321.94	8749.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Jun/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	6470	47	279	6796	450	4494	0	0	5245	5094	-1293	15541	0	15541	2660	18201	50.01
2	6380	52	264	6696	459	4469	0	0	4929	4850	-1251	15223	0	15223	2443	17666	50.01
3	6334	47	278	6659	435	4303	0	0	5211	5013	-1193	15217	0	15217	2266	17483	50.02
4	6254	52	280	6586	393	4114	0	0	4948	5092	-1097	15088	0	15088	2167	17255	50.03
5	6202	47	279	6528	285	4091	0	0	4972	4957	-1048	14813	0	14813	2119	16932	50.01
6	6293	47	278	6618	321	4394	0	0	5141	5361	-1076	15618	0	15618	2159	17777	49.98
7	6293	187	280	6760	260	4599	0	55	5254	5350	-930	16094	0	16094	2223	18317	49.94
8	6257	72	279	6608	238	4395	0	196	5274	5321	-1142	15616	0	15616	2353	17969	50.04
9	6252	47	277	6576	288	4477	0	436	5209	5595	-1478	15894	0	15894	2649	18543	50.04
10	6234	52	276	6562	339	4541	0	592	5743	5684	-1690	16028	0	16028	2974	19002	50.00
11	6115	74	271	6460	244	4551	0	727	5971	5909	-1696	16195	0	16195	3224	19419	49.99
12	6160	87	274	6521	261	4683	0	821	6165	5822	-1631	16477	0	16477	3322	19799	50.00
13	6148	91	288	6527	275	4684	0	784	5896	5739	-1535	16474	0	16474	3245	19719	49.91
14	6128	96	277	6501	419	4713	0	695	5647	5601	-1466	16463	0	16463	3168	19631	49.98
15	6083	72	299	6454	469	4660	0	609	5706	5956	-1506	16642	0	16642	3256	19898	49.99
16	6169	251	320	6740	594	4643	0	470	5563	5795	-1504	16738	0	16738	3309	20047	50.01
17	6120	276	337	6733	669	4638	0	314	5553	5707	-1464	16597	0	16597	3279	19876	49.95
18	5941	137	349	6427	941	4654	0	138	5687	5393	-1440	16113	0	16113	3180	19293	50.02
19	5871	56	341	6268	953	4541	0	27	5364	5553	-1356	15986	0	15986	3041	19027	50.02
20	5762	557	350	6669	942	4755	0	0	5061	5220	-1194	16392	0	16392	2988	19380	49.87
21	5867	579	352	6798	887	4792	0	0	5134	5530	-1230	16777	0	16777	2950	19727	50.01
22	5982	376	341	6699	877	4818	0	0	5116	5345	-1242	16497	0	16497	2872	19369	50.02
23	5985	306	355	6646	955	4823	0	0	5336	5433	-1375	16482	0	16482	2890	19372	50.00
24	5938	56	358	6352	914	4780	0	0	5351	5490	-1391	16145	0	16145	2902	19047	50.00
MUs	147.24	3.66	7.28	158.18	12.87	109.61	0.00	5.86	129.48	130.81	-32.23	385.11	0.00	385.11	67.64	452.75	49.99

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 25/Jun/2019

Position as on 6.30 Hrs of 26/Jun/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	
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.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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	Uran Unit 8	108	20/05/2019	16.01	25/06/2019	11.21	Gas shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyana Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
IPP	Adani U-3	660	24/06/2019	09.27		Continued.	MS Drain Bonnet leakage.	
MSPGCL	Bhusawal Unit 5	500	24/06/2019	20.04		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 4	210	25/06/2019	17.47	25/06/2019	20.31	Generator cold gas temp.high	
MSPGCL	Uran Unit 8	108	26/06/2019	01.41		Continued.	Maintenance for BO	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 26/Jun/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	24/06/2019	16.33		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/06/2019	18.24	25/06/2019	06.29	HT	Over Voltage
Akola - Bhusawal	IntraState	25/06/2019	06.42	25/06/2019	18.59	PO	Insulator Replacement Work
Girwali-Solapur (Lamboti)	IntraState	25/06/2019	14.53	25/06/2019	16.28	T	M2 operated, Broken Conductor
Khadka-Aurangabad (Waluj)	IntraState	25/06/2019	18.31		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.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work from High PPM.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	25/06/2019	16.52	25/06/2019	18.20	T	NDR Operated
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)
Balapur-Akola li	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola I	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	24/06/2019	12.14	25/06/2019	21.24	T	Distance Protection B PH,6.3KA.Z -1.8KM.
CHAKAN (400 KV)- Chinchwad2	IntraState	24/06/2019	23.01	25/06/2019	03.02	EO	To Attending Hot Spot On CB & Isolator.
Pophali - Pedambe II	IntraState	25/06/2019	08.50	25/06/2019	18.25	PO	Line Maintenance work
Vankuswade - Kdph	IntraState	25/06/2019	10.35	25/06/2019	15.00	PO	Quarterly Maintenance Work
ALKUD - MENDHEGIRI CKT - 2	IntraState	25/06/2019	11.13	25/06/2019	21.24	PO	For completion balance work of 220KV Ckt-1
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	25/06/2019	10.17	25/06/2019	19.10	PO	PRV replacement and oil leakage 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

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