

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.137	3709.285	1) Gujrat	-5.478	-77.723
2) Hydro	3.768	90.609	2) Madhya Pradesh	4.515	144.595
3) Gas	6.584	148.009	3) Chattisgarh	3.240	82.640
Total MSPGCL	165.489	3947.903	4) Maharashtra	122.748	2764.631
B) 1) APLM	46.653	1636.369	5) Goa (Amona)	-0.396	-9.350
2) JSWEL	24.667	574.180	Total	124.629	2904.793
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.684	700.612
4) RPL(AMT)	24.770	452.392	b) Mumbai Drawl	37.089	864.456
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.706	260.282
6) Other IPP	6.628	166.998	Include PX	-3.156	-98.934
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.684	700.612
C) 1) TPCL Thermal	13.052	320.751	Include PX	11.196	279.550
2) TPCL Hydro	4.252	88.440	Standby	0.000	0.000
3) TPCL Gas	3.582	98.470	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.580	233.071	1) MSEDCL	368.597	9727.520
D) STATE			2) Mumbai Discoms	67.555	1605.193
1) Thermal	280.487	7093.046	TOTAL STATE	436.152	11332.713
(A1+C1+C4+(B1-B6))					
2) Hydro	8.020	179.049			
(A2+C2)					
3) Gas	10.166	246.479			
(A3+B7+C3)					
4) Wind	8.396	764.784			
6) SOLAR	4.454	144.557			
TOTAL STATE	311.523	8427.915			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6733	6658	6701	6200
MSPGCL Hydro	166	146	468	45
MSPGCL Gas	263	278	275	265
MSPGCL Total Generation	7162	7082	7444	6510
Central Sector Receipt	5848	5661	5284	4195
WIND	135	150	333	536
CPP / IPP Thermal	4088	4107	4578	4169
CPP / IPP Gas	0	0	0	0
SOLAR	576	700	0	0
Exchange with Mumbai	-2048	-1937	-1344	-1270
MSEDCL DEMAND MET	15761	15763	16295	14140
Load Shedding	0	0	0	0
MSEDCL DEMAND	15761	15763	16295	14140
TPCL GENERATION	930	955	1100	645
AEML GENERATION	374	376	474	373
MUMBAI DEMAND	3352	3268	2918	2288
STATE DEMAND MET	19113	19031	19213	16428
STATE DEMAND	19113	19031	19213	16428
Frequency (Hz)	50.04	50.06	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.01 Hrs	49.77 Hz at 22.31 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 24/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.14	81.68	140	100
Unit 7	2.83	62.60	140	80
Unit 8	5.82	199.73	300	132
Unit 9	7.09	223.46	360	221
Unit 10	7.06	220.83	350	230
Total	25.93	788.30		
Bhusawal				
Unit 3	3.92	20.82	180	160
Unit 4	9.95	236.46	505	355
Unit 5	7.64	202.71	490	0
Total	21.52	459.99		
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	4.87	9.73	238	187
Unit 8	0.00	11.77	0	0
Total	4.87	21.49		
Chandrapur				
Unit 3	4.22	102.94	190	163
Unit 4	4.08	84.06	177	165
Unit 5	9.31	226.29	420	365
Unit 6	10.08	234.01	460	365
Unit 7	9.42	156.69	422	360
Unit 8	9.84	257.05	469	360
Unit 9	9.49	251.80	440	360
Total	56.44	1312.85		
Paras				
Unit 3	5.44	135.57	259	190
Unit 4	5.35	132.97	255	180
Total	10.79	268.55		
Khaparkheda				
Unit 1	2.86	71.14	135	105
Unit 2	3.37	68.28	150	135
Unit 3	3.34	84.64	165	120
Unit 4	3.68	86.83	170	130
Unit 5	10.15	256.22	450	380
Total	23.41	567.10		
Nasik				
Unit 3	4.08	98.20	188	159
Unit 4	4.19	98.71	205	160
Unit 5	3.92	94.10	173	145
Total	12.18	291.00		
Uran				
All Units	6.58	148.01	279	263
Total	6.58	148.01		
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	1.10	33.62	195	30
Stage 4	0.00	0.34	0	0
Stage 3	0.54	8.91	160	0
Total	1.64	42.87		
Hydro				
KDPH	0.36	7.62	15	15
VTRNA	0.47	17.02	61	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	5.20	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	0.00	2.01	0	0
GHATGHAR	1.16	11.72	250	0
Total	2.13	47.74		
Wind				
Total	8.40	764.78	0	0
Total	8.40	764.78		
CPP				
APML(Mus)	46.65	1636.37	0	0
JSWEL(Mus)	24.67	574.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	24.77	452.39	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.63	167.00	0	0
Total	102.72	2829.94		
SOLAR				
Total	4.45	144.56	0	0
Total	4.45	144.56		
Tata				
Trombay 5	8.12	202.31	474	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.18	61.96	116	78
Trombay 7B	1.40	36.51	67	54
Trombay 8	4.93	118.44	234	198
TATA Hydro	4.25	88.44	389	29
Total	20.89	507.66		
AEML				
DTPS U-1&2	9.58	233.07	499	373
Total	9.58	233.07		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.14	3709.28	MSPGCL Total	165.49	3947.90
			MSPGCL Thml+Gas	161.72	3857.29	Koyna 1,2 & 4 Total	1.10	33.96
			MSPGCL Hydro	3.77	90.61	State Total	311.52	8427.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	6500	45	271	6816	758	4752	0	0	4872	4624	-1746	15204	0	15204	2767	17971	49.99
2	6391	50	273	6714	591	4636	0	0	4739	4621	-1540	15022	0	15022	2561	17583	50.00
3	6211	50	273	6534	601	4299	0	0	4620	4618	-1384	14668	0	14668	2407	17075	50.00
4	6200	45	265	6510	536	4169	0	0	4392	4195	-1270	14140	0	14140	2288	16428	50.00
5	6172	55	278	6505	473	4153	0	0	4453	4296	-1202	14225	0	14225	2220	16445	49.96
6	6212	55	278	6545	464	4175	0	0	4778	4659	-1235	14608	0	14608	2253	16861	49.93
7	6354	55	278	6687	245	4287	0	14	4799	4920	-1281	14872	0	14872	2295	17167	50.00
8	6302	45	279	6626	158	4247	0	96	4822	5125	-1358	14894	0	14894	2407	17301	49.98
9	6298	67	278	6643	175	4081	0	206	5036	5586	-1614	15077	0	15077	2708	17785	49.97
10	6519	126	277	6922	129	3899	0	314	5345	5714	-1812	15166	0	15166	3042	18208	50.01
11	6723	176	272	7171	155	3994	0	411	5663	5655	-1986	15400	0	15400	3281	18681	49.93
12	6733	166	263	7162	135	4088	0	576	5903	5848	-2048	15761	0	15761	3352	19113	50.04
13	6658	146	278	7082	150	4107	0	700	5944	5661	-1937	15763	0	15763	3268	19031	50.06
14	6296	134	278	6708	242	4025	0	700	5581	5748	-1803	15620	0	15620	3112	18732	50.04
15	6414	111	275	6800	424	4048	0	569	5512	5567	-1732	15676	0	15676	3121	18797	49.99
16	6547	106	273	6926	438	4105	0	449	5523	5546	-1755	15709	0	15709	3161	18870	50.02
17	6741	77	273	7091	337	4086	0	259	5428	5490	-1736	15527	0	15527	3146	18673	50.00
18	6744	50	265	7059	373	4083	0	130	5279	5507	-1680	15472	0	15472	3063	18535	50.01
19	6698	95	274	7067	325	4151	0	30	5098	5404	-1562	15415	0	15415	2959	18374	50.00
20	6701	468	275	7444	333	4578	0	0	5102	5284	-1344	16295	0	16295	2918	19213	49.99
21	6427	455	276	7158	232	4681	0	0	5218	5306	-1199	16178	0	16178	2828	19006	49.99
22	6433	453	278	7164	342	4693	0	0	4906	5046	-1210	16035	0	16035	2774	18809	49.98
23	6416	438	276	7130	384	4725	0	0	5107	5140	-1308	16071	0	16071	2807	18878	49.89
24	6447	300	278	7025	396	4656	0	0	5041	5069	-1347	15799	0	15799	2817	18616	50.01
MUs	155.14	3.77	6.58	165.49	8.40	102.72	0.00	4.45	123.16	124.63	-37.09	368.60	0.00	368.60	67.56	436.15	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 24/Jun/2019

Position as on 6.30 Hrs of 25/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.	
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		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 25/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 I	InterState	20/06/2019	19.22	24/06/2019	09.03	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/06/2019	16.33		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/06/2019	17.50	24/06/2019	11.38	HT	Over Voltage
Chandrapur-Parali III	IntraState	24/06/2019	10.23	24/06/2019	19.44	PO	For Replacement Of Faulty Disc Insulator At Loc No.1&2 Faund IN A PID Testing,Line Signature Test.
Akola - Bhusawal	IntraState	24/06/2019	11.21	24/06/2019	18.28	PO	Replacement of faulty insulator string defected in PID.
Alkud-Kolhapur(Talandage)	IntraState	24/06/2019	11.36	24/06/2019	14.15	EO	Attending B-PH CT Leakage.
Khadka-Aurangabad (Waluj)	IntraState	24/06/2019	18.24		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.
400/11.5 kv 80MVA ST 4B @ Deepnagar	IntraState	23/06/2019	06.23	24/06/2019	19.51	T	400Kv MB-I OPTD.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work from High PPM.
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.
220 KV VIRODA - AMALNER	IntraState	23/06/2019	20.04	24/06/2019	02.34	T	Distance Protection
Nagothane - Posco	IntraState	24/06/2019	03.07	24/06/2019	20.35	T	Distance Protection,Z-1,B-E,IA 18KAMP.D-1.36KM.
Parly-Parly Extn-I	IntraState	24/06/2019	11.01	24/06/2019	13.36	PO	Tan Delta Measurment of CT DCRM OF Breaker.
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	24/06/2019	12.14		Continued.	T	Distance Protection B PH,6.3KA.Z -1.8KM.
Bombay Dyeing - Sahara	IntraState	24/06/2019	18.55	24/06/2019	19.42	T	Distance Protection OPTD.ack Up OC/EF,R PH,Z1,74.82KM.8.368KA(PH&CT Bust At Bombay Dying Consumer
Apta - Bombay Dyeing	IntraState	24/06/2019	18.55	24/06/2019	19.50	T	Distance Protection OPTD.ack Up OC/EF,R PH,Z1,18.81KM.18.22KA(PH&CT Bust At Bombay Dying Consumer
CHAKAN (400 KV)- Chinchwad2	IntraState	24/06/2019	23.01	25/06/2019	03.02	EO	To Attending Hot Spot On CB & Isolator.
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	24/06/2019	09.23	24/06/2019	18.14	PO	Overhauling Of OLTC R&M Work.
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	24/06/2019	09.45	24/06/2019	15.27	PO	Daignostic Testing 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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 25/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Solapur II(Bale)-Naldurg	IntraState	24/06/2019	11.42	24/06/2019	22.12	T	Distance Protection,R-Y PH-E,Z- 1,21.6KM.