

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jun/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.435	3106.788	1) Gujrat	-7.935	-171.099
2) Hydro	3.217	187.229	2) Madhya Pradesh	9.642	261.186
3) Gas	8.772	211.947	3) Chattisgarh	6.760	158.450
Total MSPGCL	120.424	3505.964	4) Maharashtra Net	86.890	2915.877
B) 1) APML	51.688	1005.382	5) Goa (Amona)	-0.440	-6.864
2) JSWEL	18.117	566.713	Total	94.917	3157.550
3) VIPL	5.598	183.806	a) Mumbai Schedule	21.447	691.054
4) RPL(AMT)	14.611	422.685	b) Mumbai Drawl	29.072	773.081
5) WPCL	2.797	90.705	c) MSEDCL Bilateral *	27.886	882.299
6) PGPL	0.000	0.000	Include PX	-1.825	117.354
7) Other IPP	11.545	266.004	d) Mumbai Bilateral *	21.447	686.294
C) 1) TPCL Thermal	12.652	394.324	Include PX	5.477	229.260
2) TPCL Hydro	2.431	88.793	Include Standby	0.000	4.760
3) TPCL Gas	3.662	89.662	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.031	280.387	1) MSEDCL	343.238	9383.757
D) STATE			2) Mumbai Discoms	56.848	1626.248
1) Thermal	234.474	6316.794	TOTAL STATE	400.086	11010.005
(A1+C1+C4+(B1-B6))					
2) Hydro	5.648	276.022			
(A2+C2)					
3) Gas	12.434	301.609			
(A3+B6+C3)					
4) Wind	48.576	832.825			
6) SOLAR	4.037	125.204			
TOTAL STATE	305.169	7852.454			

* 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 4 Hrs
MSPGCL Thermal	4700	4410	4872	4263
MSPGCL Hydro	97	198	220	58
MSPGCL Gas	374	363	361	386
MSPGCL Total Generation	5171	4971	5453	4707
Central Sector Receipt	4449	4224	4178	3281
WIND	2025	2350	2169	1581
CPP / IPP Thermal	4722	4266	4641	4200
CPP / IPP Gas	0	0	0	0
SOLAR	438	530	0	0
Exchange with Mumbai	-1537	-1667	-1461	-631
MSEDCL DEMAND MET	15268	14674	14980	13138
Load Shedding	0	0	0	0
MSEDCL DEMAND	15268	14674	14980	13138
TPCL GENERATION	789	879	818	640
R-INFRA GENERATION	376	377	376	378
MUMBAI DEMAND	2702	2923	2655	1649
STATE DEMAND MET	17970	17597	17635	14787
STATE DEMAND	17970	17597	17635	14787
Frequency (Hz)	50.01	50.00	49.92	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.34 Hrs	49.86 Hz at 0137 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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	38.44	0	0
Unit 8	9.36	130.25	401	357
Unit 9	0.00	101.02	0	0
Unit 10	10.73	209.39	502	380
Total	20.09	479.09		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.18	251.43	470	350
Unit 5	9.32	246.92	500	360
Total	18.50	498.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	108.68	0	0
Unit 7	0.00	72.72	0	0
Unit 8	3.59	100.61	153	146
Total	3.59	282.01		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	244.70	0	0
Unit 6	9.43	44.38	410	360
Unit 7	9.57	252.54	455	368
Unit 8	9.73	250.36	480	360
Unit 9	9.52	201.67	453	359
Total	38.26	993.66		
Paras				
Unit 3	4.49	126.65	198	168
Unit 4	4.57	126.92	200	181
Total	9.06	253.58		
Khaparkheda				
Unit 1	3.42	28.42	155	125
Unit 2	0.00	37.36	0	0
Unit 3	3.87	90.44	165	156
Unit 4	3.84	74.81	160	160
Unit 5	0.00	166.70	0	0
Total	11.13	397.73		
Nasik				
Unit 3	3.90	104.18	168	159
Unit 4	0.00	0.13	0	0
Unit 5	3.91	98.07	168	157
Total	7.81	202.38		
Uran				
All Units	8.77	211.95	388	352
Total	8.77	211.95		
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)	0.02	1.81	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	1.81		
Koyna				
Stage 1-2	1.43	69.14	220	40
Stage 4	0.00	45.56	0	0
Stage 3	0.60	28.06	160	0
Total	2.03	142.77		
Hydro				
KDPH	0.00	6.03	0	0
VTRNA	0.04	0.04	40	0
TILLARI	0.15	7.04	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	4.86	80	0
RNGR+BHTSA	0.00	5.34	0	0
BHANDARDRA	0.49	6.28	44	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	4.91	19	7
GHATGHAR	0.00	9.96	0	0
Total	1.18	44.46		
Wind				
Total	48.58	832.82	0	0
Total	48.58	832.82		
CPP				
APML(Mus)	51.69	1005.38	0	0
JSWEL(Mus)	18.12	566.71	0	0
VIPL(Mus)	5.60	183.81	0	0
RPLAMT(Mus)	14.61	422.68	0	0
WPCL(Mus)	2.80	90.70	0	0
Other(Mus)	11.54	266.00	0	0
Total	104.36	2535.30		
SOLAR				
Total	4.04	125.20	0	0
Total	4.04	125.20		
Tata				
Trombay 5	7.49	256.47	316	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	55.58	100	64
Trombay 7B	1.41	34.08	61	49
Trombay 8	5.16	137.85	226	209
TATA Hydro	2.43	88.79	255	3
Total	18.74	572.78		
R-INFRA				
DTPS U-1&2	9.03	280.39	378	374
Total	9.03	280.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.44	3106.79	MSPGCL Total	120.42	3505.96
			MSPGCL Thml+Gas	117.21	3318.74	Koyna 1,2 & 4 Total	1.43	114.71
			MSPGCL Hydro	3.22	187.23	State Total	305.17	7852.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Jun/2018

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	4450	57	388	4895	1548	4341	0	0	4189	3570	-879	13475	0	13475	1925	15400	49.94
2	4264	58	380	4702	1701	4200	0	0	3716	3468	-749	13322	0	13322	1794	15116	49.97
3	4272	73	366	4711	1607	4215	0	0	3541	3547	-687	13393	0	13393	1699	15092	49.95
4	4263	58	386	4707	1581	4200	0	0	3562	3281	-631	13138	0	13138	1649	14787	50.03
5	4262	68	365	4695	1462	4245	0	0	3730	3748	-622	13528	0	13528	1638	15166	50.02
6	4435	88	375	4898	1487	4232	0	1	4177	4481	-691	14408	0	14408	1721	16129	49.97
7	4748	258	376	5382	1313	4640	0	34	4305	4526	-773	15122	0	15122	1846	16968	50.01
8	4899	83	374	5356	1491	4988	0	169	4325	4128	-978	15154	0	15154	2046	17200	50.04
9	4872	68	372	5312	1743	4861	0	290	4477	4046	-1257	14995	0	14995	2351	17346	50.07
10	4700	97	374	5171	2025	4722	0	438	4828	4449	-1537	15268	0	15268	2702	17970	50.01
11	4439	118	360	4917	2154	4428	0	498	4885	4424	-1780	14641	0	14641	2942	17583	50.00
12	4386	172	355	4913	2244	4338	0	482	4672	4540	-1732	14785	0	14785	3008	17793	49.98
13	4410	198	363	4971	2350	4266	0	530	4576	4224	-1667	14674	0	14674	2923	17597	50.00
14	4401	153	374	4928	2471	4150	0	495	4389	3811	-1523	14332	0	14332	2725	17057	50.02
15	4397	209	357	4963	2452	3946	0	439	3811	3731	-1394	14137	0	14137	2705	16842	49.96
16	4408	236	355	4999	2547	3948	0	358	3600	3848	-1425	14275	0	14275	2746	17021	49.99
17	4399	158	363	4920	2574	3930	0	207	3814	3867	-1423	14075	0	14075	2745	16820	50.05
18	4426	252	353	5031	2714	3929	0	79	3369	3744	-1462	14035	0	14035	2735	16770	50.00
19	4479	182	354	5015	2232	3982	0	17	3894	4182	-1477	13951	0	13951	2669	16620	49.98
20	4872	220	361	5453	2169	4641	0	0	4275	4178	-1461	14980	0	14980	2655	17635	49.92
21	4864	197	363	5424	2121	4868	0	0	3903	3954	-1369	14998	0	14998	2562	17560	49.98
22	4652	95	352	5099	2088	4495	0	0	3902	3879	-1284	14277	0	14277	2481	16758	49.96
23	4668	57	353	5078	2198	4418	0	0	3963	3770	-1169	14295	0	14295	2358	16653	49.97
24	4469	62	353	4884	2304	4373	0	0	3859	3521	-1102	13980	0	13980	2223	16203	50.03
MUs	108.44	3.22	8.77	120.42	48.58	104.36	0.00	4.04	97.76	94.92	-29.07	343.24	0.00	343.24	56.85	400.09	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/2018

Position as on 6.30 Hrs of 26/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Koyna STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Khaparkheda Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage (Available since 03.06.2018 16:00Hrs)	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
IPP	JSW (J) U2	300	16/06/2018	00.19		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	POOR COAL RECEIPT.	
IPP	Adani U-5	660	20/06/2018	09.53		Continued.	TURBINE SIDE DRAIN LEAKAGE.	
IPP	RPL(AMT) U-4	270	22/06/2018	17.31		Continued.	Bottom Ash Problem.	
MSPGCL	Chandrapur Unit 5	500	24/06/2018	00.01		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	24/06/2018	18.02		Continued.	zero schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 26/Jun/2018

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	22/06/2018	17.38		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Koradi-Khaperkheda I	IntraState	18/06/2018	15.18		Continued.	PO	for tower shifting work.
Koradi-Khaperkheda li	IntraState	18/06/2018	15.25		Continued.	PO	for tower shifting work.
Bhusawal-Aurangabad	IntraState	23/06/2018	18.38	25/06/2018	07.29	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2018	17.22		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	23/06/2018	11.00		Continued.	HT	Due To Abnormal Sound Coming From 220KV Bhushing B-Phase.
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.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
220kv Lonand- Phaltan line	IntraState	22/06/2018	09.45		Continued.	PO	Pre-monsoon Maintenance Work.
Trombay - Mulund	IntraState	22/06/2018	11.51		Continued.	PO	Replacement Of Heavily Rusted Tower At LOC NO 69B & 70B At BARC Premises
Trombay - Kalwa	IntraState	22/06/2018	11.51		Continued.	PO	Replacement Of Heavily Rusted Tower At LOC NO 69B & 70B At BARC Premises.
Khadka-Bhadli-2	IntraState	25/06/2018	09.22	25/06/2018	11.50	PO	replacement of faulty pilot string of r.b.ph.
Paranda-Barshi	IntraState	25/06/2018	11.10	25/06/2018	13.35	PO	tightening of jumper nut bolt.
Taptitanda-Jalna ckt II	IntraState	25/06/2018	11.43	25/06/2018	17.36	PO	Tan Delta Measurment of CTs
Deepnagar Amalner	IntraState	25/06/2018	13.46	25/06/2018	18.12	PO	r ph wt conductor replacement.
Paranda Tap Osmanabad - Barshi	IntraState	25/06/2018	13.59	25/06/2018	16.11	PO	tightening of jumper nut bolt.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	25/06/2018	11.00	25/06/2018	15.10	PO	fire protection work by ctr and lv c.b. problem work.

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 25/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 26/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	25/06/2018	11.05	25/06/2018	12.45	PO	pre monsoon maintenance work.
132 KV LINE Outages/Trippings							
Amravati-Achalpur	IntraState	25/06/2018	15.52	25/06/2018	16.05	T	Tripped on 33KV Feeder fault.