

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jun/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.088	2773.066	1) Gujrat	-9.548	-145.150
2) Hydro	3.552	176.158	2) Madhya Pradesh	10.267	230.640
3) Gas	8.748	185.301	3) Chattisgarh	7.570	136.790
Total MSPGCL	137.388	3134.525	4) Maharashtra Net	106.136	2645.580
B) 1) APML	51.999	852.730	5) Goa (Amona)	-0.286	-5.808
2) JSWEL	19.290	512.372	Total	114.139	2862.052
3) VIPL	5.923	168.571	a) Mumbai Schedule	24.500	628.142
4) RPL(AMT)	15.775	379.906	b) Mumbai Drawl	35.288	695.328
5) WPCL	2.964	82.369	c) MSEDCL Bilateral *	37.143	795.413
6) PGPL	0.000	0.000	Include PX	7.211	119.990
7) Other IPP	12.806	231.316	d) Mumbai Bilateral *	24.500	623.383
C) 1) TPCL Thermal	15.210	353.147	Include PX	9.977	208.303
2) TPCL Hydro	3.744	83.433	Include Standby	0.000	4.760
3) TPCL Gas	3.494	78.714	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.793	251.233	1) MSEDCL	351.645	8359.676
D) STATE			2) Mumbai Discoms	68.529	1461.856
1) Thermal	259.848	5604.710	TOTAL STATE	420.174	9821.532
(A1+C1+C4+(B1-B6))					
2) Hydro	7.296	259.591			
(A2+C2)					
3) Gas	12.242	264.015			
(A3+B6+C3)					
4) Wind	22.728	718.477			
6) SOLAR	3.921	112.686			
TOTAL STATE	306.035	6959.479			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5310	5044	5171	5115
MSPGCL Hydro	242	366	163	78
MSPGCL Gas	357	347	353	380
MSPGCL Total Generation	5909	5757	5687	5573
Central Sector Receipt	5312	5289	4715	3987
WIND	677	810	1672	954
CPP / IPP Thermal	4430	4379	4639	4384
CPP / IPP Gas	0	0	0	0
SOLAR	466	502	0	0
Exchange with Mumbai	-1825	-1645	-1412	-1151
MSEDCL DEMAND MET	14969	15092	15301	13747
Load Shedding	0	0	0	0
MSEDCL DEMAND	14969	15092	15301	13747
TPCL GENERATION	1044	1188	1118	674
R-INFRA GENERATION	500	496	491	375
MUMBAI DEMAND	3369	3329	3021	2200
STATE DEMAND MET	18338	18421	18322	15947
STATE DEMAND	18338	18421	18322	15947
Frequency (Hz)	49.97	49.87	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 12.02 Hrs	49.77 Hz at 14.20 Hrs	49.95	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/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	8.98	103.21	401	337
Unit 9	0.00	101.02	0	0
Unit 10	9.18	180.78	401	350
Total	18.16	423.44		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.43	224.32	490	360
Unit 5	10.43	219.88	490	350
Total	20.86	444.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.20	101.04	191	155
Unit 7	0.00	72.72	0	0
Unit 8	4.09	89.67	180	166
Total	8.29	263.43		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.93	234.68	465	440
Unit 6	7.50	20.30	395	205
Unit 7	10.68	223.82	459	435
Unit 8	11.58	220.29	498	470
Unit 9	9.15	173.54	415	343
Total	49.84	872.63		
Paras				
Unit 3	4.32	113.35	192	164
Unit 4	4.37	113.28	191	171
Total	8.70	226.62		
Khaparkheda				
Unit 1	3.66	17.63	155	140
Unit 2	0.00	37.36	0	0
Unit 3	3.88	78.78	164	159
Unit 4	3.85	63.32	165	160
Unit 5	0.00	166.70	0	0
Total	11.40	363.81		
Nasik				
Unit 3	3.92	92.52	175	160
Unit 4	0.00	0.13	0	0
Unit 5	3.92	86.29	168	160
Total	7.85	178.94		
Uran				
All Units	8.75	185.30	389	347
Total	8.75	185.30		
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	1.62	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.62		
Koyna				
Stage 1-2	1.31	64.64	125	40
Stage 4	0.00	45.50	0	0
Stage 3	0.44	26.14	136	0
Total	1.75	136.28		
Hydro				
KDPH	0.00	6.03	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.42	5.87	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	4.26	80	0
RNGR+BHTSA	0.20	5.10	9	8
BHANDARDRA	0.78	4.65	44	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	4.31	14	4
GHATGHAR	0.00	9.66	0	0
Total	1.80	39.87		
Wind				
Total	22.73	718.48	0	0
Total	22.73	718.48		
CPP				
APML(Mus)	52.00	852.73	0	0
JSWEL(Mus)	19.29	512.37	0	0
VIPL(Mus)	5.92	168.57	0	0
RPLAMT(Mus)	15.78	379.91	0	0
WPCL(Mus)	2.96	82.37	0	0
Other(Mus)	12.81	231.32	0	0
Total	108.76	2227.26		
SOLAR				
Total	3.92	112.69	0	0
Total	3.92	112.69		
Tata				
Trombay 5	9.61	231.17	473	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	48.80	95	83
Trombay 7B	1.33	29.91	57	53
Trombay 8	5.60	121.98	243	216
TATA Hydro	3.74	83.43	338	9
Total	22.45	515.29		
R-INFRA				
DTPS U-1&2	10.79	251.23	501	375
Total	10.79	251.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.09	2773.07	MSPGCL Total	137.39	3134.52
			MSPGCL Thml+Gas	133.84	2958.37	Koyna 1,2 & 4 Total	1.31	110.14
			MSPGCL Hydro	3.55	176.16	State Total	306.04	6959.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5314	62	389	5765	956	4642	0	0	5055	4362	-1493	14232	0	14232	2688	16920	49.95
2	5291	61	369	5721	1053	4563	0	0	4654	4089	-1331	14095	0	14095	2457	16552	50.00
3	5227	66	379	5672	1016	4410	0	0	4551	3993	-1252	13839	0	13839	2310	16149	49.93
4	5115	78	380	5573	954	4384	0	0	4505	3987	-1151	13747	0	13747	2200	15947	49.97
5	5126	125	380	5631	826	4419	0	0	4563	4189	-1126	13939	0	13939	2163	16102	49.92
6	5130	110	377	5617	891	4438	0	0	5045	4762	-1177	14531	0	14531	2211	16742	49.94
7	5334	165	375	5874	797	4606	0	18	4998	4808	-1159	14944	0	14944	2272	17216	49.93
8	5366	62	375	5803	707	4526	0	145	5173	5024	-1251	14954	0	14954	2412	17366	49.96
9	5382	75	363	5820	541	4428	0	249	5529	5269	-1553	14754	0	14754	2724	17478	49.94
10	5352	123	370	5845	488	4455	0	347	5620	5440	-1703	14872	0	14872	3078	17950	49.93
11	5279	250	368	5897	506	4574	0	475	5561	5154	-1685	14921	0	14921	3306	18227	49.97
12	5310	242	357	5909	677	4430	0	466	5720	5312	-1825	14969	0	14969	3369	18338	49.97
13	5060	292	360	5712	605	4375	0	475	5606	5590	-1747	15010	0	15010	3329	18339	49.91
14	5008	285	350	5643	767	4367	0	526	5436	5380	-1645	15038	0	15038	3244	18282	49.99
15	5044	366	347	5757	810	4379	0	502	5379	5289	-1645	15092	0	15092	3329	18421	49.87
16	5305	217	359	5881	963	4555	0	419	5213	4927	-1745	15000	0	15000	3353	18353	49.93
17	5182	155	349	5686	994	4507	0	224	5096	4962	-1729	14644	0	14644	3286	17930	49.94
18	5133	106	350	5589	1593	4432	0	70	4557	4502	-1663	14523	0	14523	3191	17714	50.01
19	4993	109	363	5465	1728	4405	0	5	4492	4457	-1517	14543	0	14543	3051	17594	50.02
20	5171	163	353	5687	1672	4639	0	0	4631	4715	-1412	15301	0	15301	3021	18322	49.99
21	5264	141	365	5770	1121	4857	0	0	4947	4695	-1435	15008	0	15008	2969	17977	49.98
22	5359	96	352	5807	1068	4872	0	0	4828	4624	-1359	15012	0	15012	2868	17880	49.94
23	5239	106	364	5709	981	4848	0	0	4763	4292	-1327	14503	0	14503	2845	17348	49.91
24	5104	97	354	5555	1014	4645	0	0	4747	4315	-1358	14171	0	14171	2853	17024	49.94
MUs	125.09	3.55	8.75	137.39	22.73	108.76	0.00	3.92	120.67	114.14	-35.29	351.64	0.00	351.64	68.53	420.17	49.95

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/Jun/2018

Position as on 6.30 Hrs of 23/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	Khaparkhedha Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Khaparkhedha 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	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00	22/06/2018	15.22	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	JSW (J) U3	300	21/06/2018	04.27	22/06/2018	01.03	ELECTRICAL FAULT.	
MSPGCL	Koyna STG- IV Unit - 1	250	22/06/2018	13.00	22/06/2018	14.30	Attending Problem In Intake Gate A4 Servomotor Operating System.	
MSPGCL	Koyna STG-IV Unit-2	250	22/06/2018	13.00	22/06/2018	14.30	Attending Problem In Intake Gate A4 Servomotor Operating System.	
MSPGCL	Koyna STG-IV Unit-3	250	22/06/2018	13.00	22/06/2018	14.30	Attending Problem In Intake Gate A4 Servomotor Operating System.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Jun/2018

Position as on 6.30 Hrs of 23/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	22/06/2018	17.31		Continued.	Bottom Ash Problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 23/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 I	InterState	21/06/2018	17.12	22/06/2018	08.22	HT	Over Voltage
Padgha - Boisar (PG)	InterState	22/06/2018	12.35	22/06/2018	12.52	PO	Line Maintenance work
Waluj Aurangabad(PG)- I	InterState	22/06/2018	13.05	22/06/2018	21.34	PO	Repairing Of Damaged Strands Of Bus Conductor.
Dhule Khandwa I	InterState	22/06/2018	15.19	22/06/2018	16.26	T	Distance Protection
Dhule Sar'Sarovar II	InterState	22/06/2018	17.38		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Koradi-Khaparkheda I	IntraState	18/06/2018	15.18		Continued.	PO	for tower shifting work.
Koradi-Khaparkheda II	IntraState	18/06/2018	15.25		Continued.	PO	for tower shifting work.
Bhusawal-Aurangabad	IntraState	21/06/2018	17.02	22/06/2018	12.34	HT	Over Voltage
Padghe - Nagothane - I	IntraState	22/06/2018	02.48	22/06/2018	14.06	T	Distance Protection
Deepnagar Waluj 1	IntraState	22/06/2018	13.41	22/06/2018	20.33	PO	Replacement Of Rotary Mechanism.
Bhusawal-Aurangabad	IntraState	22/06/2018	19.24		Continued.	HT	Over Voltage
Deepnagar Waluj 1	IntraState	23/06/2018	01.28		Continued.	T	Distance Protection
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
400/220KV 500MVA ICT-I @Nanded	IntraState	22/06/2018	09.38	22/06/2018	19.54	PO	Line Maintenance work
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	22/06/2018	10.45	22/06/2018	15.06	PO	Premansoon Maintenance Work.
400/220kv 315MVA ICT-I@Parly	IntraState	22/06/2018	11.55	22/06/2018	12.25	PO	Removing NDR Resistance.
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.
Kandalgaon - ONGC Panvel	IntraState	22/06/2018	09.10	22/06/2018	18.15	PO	Jumper Nut Bolt Tightening 7 Tree Cutting.
220kv Lonand- Phaltan line	IntraState	22/06/2018	09.45		Continued.	PO	Pre-monsoon Maintenance Work.
Bhugaon- Wardha	IntraState	22/06/2018	10.49	22/06/2018	17.35	PO	Jumper Repairing Work.
Butibori - Wardha	IntraState	22/06/2018	11.39	22/06/2018	15.25	PO	Tan Delta Measurment of CTs And CCs

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 22/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 23/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay - Kalwa	IntraState	22/06/2018	11.51		Continued.	PO	Replacement Of Heavily Rusted Tower At LOC NO 69B & 70B At BARC Premises.
Trombay - Mulund	IntraState	22/06/2018	11.51		Continued.	PO	Replacement Of Heavily Rusted Tower At LOC NO 69B & 70B At BARC Premises
132 KV LINE Outages/Trippings							
Kalmeshwar-Hingna-II	IntraState	21/06/2018	15.45	22/06/2018	00.02	T	Conductor Snapped near Gantry at Kalmeshwar