

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jun/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.070	926.444	1) Gujrat	-6.034	-43.495
2) Hydro	6.895	53.759	2) Madhya Pradesh	10.098	61.384
3) Gas	9.192	64.574	3) Chattisgarh	5.670	41.930
Total MSPGCL	147.157	1044.777	4) Maharashtra Net	121.854	873.783
B) 1) APML	35.201	297.028	5) Goa (Amona)	-0.088	-0.550
2) JSWEL	25.240	180.486	Total	131.500	933.052
3) VIPL	9.406	68.238	a) Mumbai Schedule	29.275	222.815
4) RPL(AMT)	16.765	122.790	b) Mumbai Drawl	32.811	224.799
5) WPCL	5.233	37.225	c) MSEDCL Bilateral *	40.900	310.199
6) PGPL	0.000	0.000	Include PX	6.383	71.506
7) Other IPP	7.217	87.974	d) Mumbai Bilateral *	29.275	221.380
C) 1) TPCL Thermal	17.097	118.596	Include PX	7.191	58.471
2) TPCL Hydro	3.236	32.828	Include Standby	0.000	1.436
3) TPCL Gas	3.056	25.001	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.924	82.303	1) MSEDCL	369.185	2708.555
D) STATE			2) Mumbai Discoms	68.124	483.528
1) Thermal	259.153	1921.084	TOTAL STATE	437.309	3192.083
(A1+C1+C4+(B1-B6))					
2) Hydro	10.131	86.587			
(A2+C2)					
3) Gas	12.248	89.575			
(A3+B6+C3)					
4) Wind	20.414	127.411			
6) SOLAR	3.863	34.373			
TOTAL STATE	305.809	2259.030			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5702	5492	5670	5302
MSPGCL Hydro	226	147	777	66
MSPGCL Gas	376	370	406	378
MSPGCL Total Generation	6304	6009	6853	5746
Central Sector Receipt	5685	6633	5504	4527
WIND	539	697	927	792
CPP / IPP Thermal	4343	3781	4371	4097
CPP / IPP Gas	0	0	0	0
SOLAR	508	309	0	0
Exchange with Mumbai	-1695	-1445	-1341	-1113
MSEDCL DEMAND MET	15684	15984	16314	14049
Load Shedding	0	0	0	0
MSEDCL DEMAND	15684	15984	16314	14049
TPCL GENERATION	1138	1110	1060	821
R-INFRA GENERATION	496	494	498	497
MUMBAI DEMAND	3329	3049	2899	2431
STATE DEMAND MET	19013	19033	19213	16480
STATE DEMAND	19013	19033	19213	16480
Frequency (Hz)	49.94	49.97	49.90	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 13.02 Hrs	49.69 Hz at 22.12 Hrs	49.96	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 07/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.54	24.97	160	125
Unit 8	0.00	24.11	0	0
Unit 9	9.00	51.79	403	300
Unit 10	7.96	49.73	401	280
Total	20.51	150.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.36	72.58	470	360
Unit 5	10.16	72.51	470	360
Total	20.52	145.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.13	34.58	250	189
Unit 7	5.00	33.87	245	180
Unit 8	4.92	24.35	230	184
Total	15.06	92.80		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.96	77.06	465	420
Unit 6	0.00	0.00	0	0
Unit 7	10.58	73.04	450	400
Unit 8	10.14	62.05	458	377
Unit 9	8.73	54.88	380	344
Total	40.42	267.03		
Paras				
Unit 3	5.70	39.41	250	195
Unit 4	5.68	39.46	250	190
Total	11.38	78.87		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	3.36	21.26	150	130
Unit 3	3.44	23.76	156	135
Unit 4	0.00	19.72	0	0
Unit 5	7.94	62.91	347	320
Total	14.74	134.44		
Nasik				
Unit 3	4.24	31.18	195	160
Unit 4	0.00	0.13	0	0
Unit 5	4.21	26.31	189	162
Total	8.45	57.62		
Uran				
All Units	9.19	64.57	416	336
Total	9.19	64.57		
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)	0.04	0.35	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.35		
Koyna				
Stage 1-2	2.42	22.00	445	40
Stage 4	1.64	10.78	504	0
Stage 3	1.26	7.50	160	0
Total	5.32	40.27		
Hydro				
KDPH	0.24	2.46	14	0
VTRNA	0.00	0.00	0	0
TILLARI	0.02	0.02	16	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	1.93	80	0
RNGR+BHTSA	0.24	1.73	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	2.28	14	2
GHATGHAR	0.74	5.06	125	0
Total	1.57	13.49		
Wind				
Total	20.41	127.41	0	0
Total	20.41	127.41		
CPP				
APML(Mus)	35.20	297.03	0	0
JSWEL(Mus)	25.24	180.49	0	0
VIPL(Mus)	9.41	68.24	0	0
RPLAMT(Mus)	16.76	122.79	0	0
WPCL(Mus)	5.23	37.22	0	0
Other(Mus)	7.22	87.97	0	0
Total	99.06	793.74		
SOLAR				
Total	3.86	34.37	0	0
Total	3.86	34.37		
Tata				
Trombay 5	11.49	79.25	490	425
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	15.47	84	57
Trombay 7B	1.22	9.53	53	44
Trombay 8	5.61	39.35	242	229
TATA Hydro	3.24	32.83	289	0
Total	23.39	176.42		
R-INFRA				
DTPS U-1&2	11.92	82.30	499	494
Total	11.92	82.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.07	926.44	MSPGCL Total	147.16	1044.78
			MSPGCL Thml+Gas	140.26	991.02	Koyna 1,2 & 4 Total	4.06	32.77
			MSPGCL Hydro	6.90	53.76	State Total	305.81	2259.03

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Jun/2018

Annexure-2

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	5463	731	387	6581	977	4577	0	0	5171	5124	-1597	15662	0	15662	3035	18697	50.02
2	5475	327	365	6167	891	4468	0	0	5224	4900	-1425	15001	0	15001	2798	17799	49.98
3	5432	72	377	5881	947	4463	0	0	5127	4738	-1292	14737	0	14737	2613	17350	49.99
4	5261	67	378	5706	765	4215	0	0	5019	4930	-1176	14440	0	14440	2495	16935	49.99
5	5302	66	378	5746	792	4097	0	0	5119	4527	-1113	14049	0	14049	2431	16480	50.03
6	5000	66	379	5445	888	4003	0	0	5451	4919	-1042	14213	0	14213	2351	16564	50.02
7	5114	66	381	5561	840	3942	0	16	5432	5069	-963	14465	0	14465	2301	16766	50.01
8	5276	71	382	5729	712	3912	0	80	5287	5126	-1064	14495	0	14495	2416	16911	50.02
9	5280	66	370	5716	818	3947	0	202	5225	5322	-1351	14654	0	14654	2723	17377	50.00
10	5344	354	389	6087	703	4026	0	374	5411	5557	-1592	15155	0	15155	3062	18217	49.95
11	5616	217	369	6202	426	4366	0	409	5794	5807	-1684	15526	0	15526	3301	18827	49.98
12	5702	226	376	6304	539	4343	0	508	6176	5685	-1695	15684	0	15684	3329	19013	49.94
13	5629	78	388	6095	529	3759	0	575	6634	6283	-1568	15673	0	15673	3171	18844	49.95
14	5414	82	336	5832	636	3626	0	558	6507	6426	-1528	15550	0	15550	3040	18590	49.98
15	5384	90	344	5818	718	3694	0	461	6728	6643	-1441	15893	0	15893	3076	18969	49.90
16	5492	147	370	6009	697	3781	0	309	6954	6633	-1445	15984	0	15984	3049	19033	49.97
17	5444	204	386	6034	912	3791	0	237	6595	6411	-1419	15966	0	15966	3045	19011	49.94
18	5604	501	397	6502	896	4154	0	117	5390	5538	-1443	15764	0	15764	3010	18774	49.94
19	5679	402	407	6488	911	4252	0	17	5544	5462	-1419	15711	0	15711	2931	18642	49.98
20	5670	777	406	6853	927	4371	0	0	5516	5504	-1341	16314	0	16314	2899	19213	49.90
21	5629	1063	403	7095	1066	4167	0	0	5365	5211	-1277	16262	0	16262	2807	19069	49.92
22	5592	970	414	6976	1158	4281	0	0	5241	5129	-1268	16276	0	16276	2739	19015	49.85
23	5632	179	394	6205	1272	4426	0	0	5619	5440	-1319	16024	0	16024	2751	18775	49.87
24	5636	73	416	6125	1394	4404	0	0	5578	5116	-1349	15690	0	15690	2751	18441	49.93
MUs	131.07	6.89	9.19	147.16	20.41	99.06	0.00	3.86	136.11	131.50	-32.81	369.19	0.00	369.19	68.12	437.31	49.96

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 07/Jun/2018

Position as on 6.30 Hrs of 08/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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	Uran Unit 8	108	25/03/2018	06.25	07/06/2018	13.34	Tripped on Thrust Bearing	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
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		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	Khaparkheda Unit 1	210	02/06/2018	23.57		Continued.	Poor coal receipt.	
MSPGCL	Koradi Unit-8	660	04/06/2018	18.15		Continued.	abnormal combustion.	
MSPGCL	Khaparkheda Unit 4	210	06/06/2018	23.44		Continued.	poor coal receipt	
CPP	IEPL Unit 1	270	07/06/2018	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	07/06/2018	11.58	07/06/2018	17.11	Oil Leakage in UAT	
IPP	Adani U-4	660	07/06/2018	12.06		Continued.	Due to APH-A Hot PA duct below leakage	
MSPGCL	Uran Unit 5	108	07/06/2018	17.22		Continued.	Filter Replacement work	
MSPGCL	Uran Unit A0	120	07/06/2018	17.22		Continued.	Filter Replacement work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	02/06/2018	20.17		Continued.	T	Distance Protection,tower collapsed.
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	06/06/2018	18.22	07/06/2018	04.20	EO	REPLACEMENT OF B 1 BUSHING AND OIL FLOW.
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	05/06/2018	18.22		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)
Khadka-Aurangabad (Waluj)	IntraState	06/06/2018	18.26	07/06/2018	11.53	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	07/06/2018	08.39	07/06/2018	12.41	PO	Routine Maintenance Work
Chandrapur-Parali III	IntraState	07/06/2018	09.25		Continued.	PO	For Missing of Earth Wire(RFC 21.45Hrs)
Lonikand 1 -Jejuri	IntraState	07/06/2018	13.04	07/06/2018	16.37	PO	Repl.of Flashover Insulator String
Bhusawal-Aurangabad	IntraState	07/06/2018	19.23		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/06/2018	19.26	07/06/2018	19.44	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt-II	IntraState	07/06/2018	19.26	07/06/2018	21.03	T	Distance Protection
Koradi-India Bulls	IntraState	07/06/2018	19.26	07/06/2018	20.44	T	Distance Protection
Akola-Nandgaonpeth (RPL)	IntraState	07/06/2018	19.55	07/06/2018	20.51	T	Distance Protection
Akola-Nandgaonpeth (RPL)	IntraState	08/06/2018	03.07		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	07/06/2018	11.15	07/06/2018	15.41	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.
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.
Chalisgaon -Babhaleshwar	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection,tower collapsed.
Chalisgaon - Deepnagar	IntraState	06/06/2018	21.53	07/06/2018	12.22	T	Distance Protection

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 07/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Versova Gorai Line	IntraState	06/06/2018	23.49	07/06/2018	08.53	PO	REPLACEMNET OF BARRER INSULATOR.
Nanded-Ghatodi	IntraState	07/06/2018	04.04	07/06/2018	06.53	HT	Over Voltage
Pusad - Hingoli	IntraState	07/06/2018	07.54	07/06/2018	14.40	HT	Over Voltage
Koradi-Khaperkheda	IntraState	07/06/2018	08.13	07/06/2018	13.41	PO	Remove of Earth Wire
Koradi - Kawlewada II	IntraState	07/06/2018	08.25	07/06/2018	12.16	PO	Removal of Earth Wire
Butibori - Wardha	IntraState	07/06/2018	09.58	07/06/2018	16.40	PO	Jumper Replacement
New Koyna - Niwali	IntraState	07/06/2018	10.06	07/06/2018	14.24	PO	Repl.of Flashover Insulator String
Wardha-Dhamangaon	IntraState	07/06/2018	10.28	07/06/2018	17.04	PO	Carrying out signature Test
Yeotmal- Pusad	IntraState	07/06/2018	10.31	07/06/2018	14.00	PO	Measurement of CB Timing and CRM
Kalmeshwar - JSW	IntraState	07/06/2018	12.40	07/06/2018	14.24	T	Isolator problem at JSW end
Hingoli- Girawali	IntraState	07/06/2018	15.13	07/06/2018	17.56	EO	To attend Hot Spot
Lonikand-II- Kathapur	IntraState	07/06/2018	17.28	07/06/2018	19.54	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/33kv 125 Mva Transformer 2 @Gorai R/S	IntraState	27/05/2018	09.03		Continued.	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	07/06/2018	09.23	07/06/2018	16.20	PO	Testing Work
220/132KV 100MVA -1@Alephata	IntraState	07/06/2018	12.07	07/06/2018	14.18	PO	Pre Monsoon Maint.work
220/132kv 100MVA ICT-II @ Alephata	IntraState	07/06/2018	14.22	07/06/2018	15.30	PO	Pre Monsoon Maint.work
220/132kv 150MVA ICT-II @ Bhenda	IntraState	07/06/2018	17.49	07/06/2018	19.06	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	06/06/2018	16.21		Continued.	HT	Over Voltage
Deepnagar (Gcr) - Supreme	IntraState	06/06/2018	19.58	07/06/2018	02.26	T	Distance Protection
Yawal - Chopda	IntraState	06/06/2018	21.38	07/06/2018	06.20	T	SOTF,23KM,2.3KA,R-PHASE.
Kaulewada-Madgi-li	IntraState	07/06/2018	20.57	07/06/2018	21.22	T	Distance Protection
Kaulewada-Madgi-I	IntraState	07/06/2018	21.03	07/06/2018	21.25	T	Distance Protection

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