

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jun/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.712	2140.048	1) Gujrat	-4.257	-104.052
2) Hydro	3.578	110.338	2) Madhya Pradesh	13.175	175.358
3) Gas	9.201	146.451	3) Chattisgarh	6.400	102.190
Total MSPGCL	133.491	2396.837	4) Maharashtra Net	110.787	2044.503
B) 1) APML	37.507	616.782	5) Goa (Amona)	-0.286	-4.356
2) JSWEL	19.032	416.959	Total	125.819	2213.643
3) VIPL	5.570	138.206	a) Mumbai Schedule	23.890	504.299
4) RPL(AMT)	16.326	287.052	b) Mumbai Drawl	24.892	545.951
5) WPCL	2.512	68.041	c) MSEDCL Bilateral *	29.742	615.990
6) PGPL	0.000	0.000	Include PX	1.351	88.992
7) Other IPP	8.206	175.419	d) Mumbai Bilateral *	23.890	500.915
C) 1) TPCL Thermal	12.720	272.906	Include PX	9.415	165.936
2) TPCL Hydro	0.379	60.114	Include Standby	0.000	3.385
3) TPCL Gas	3.577	60.978	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.757	194.851	1) MSEDCL	373.388	6474.157
D) STATE			2) Mumbai Discoms	51.325	1134.803
1) Thermal	232.342	4310.264	TOTAL STATE	424.713	7608.960
(A1+C1+C4+(B1-B6))					
2) Hydro	3.957	170.452			
(A2+C2)					
3) Gas	12.778	207.429			
(A3+B6+C3)					
4) Wind	44.187	618.915			
6) SOLAR	5.630	88.254			
TOTAL STATE	298.894	5395.314			

* 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 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	4802	4784	5016	4905
MSPGCL Hydro	123	127	110	285
MSPGCL Gas	396	379	383	373
MSPGCL Total Generation	5321	5290	5509	5563
Central Sector Receipt	5426	5118	4711	4898
WIND	2343	2525	2027	1843
CPP / IPP Thermal	3556	3662	3847	3677
CPP / IPP Gas	0	0	0	0
SOLAR	734	708	0	0
Exchange with Mumbai	-1147	-1142	-1196	-1066
MSEDCL DEMAND MET	16233	16161	14897	14915
Load Shedding	158	158	0	0
MSEDCL DEMAND	16391	16319	14897	14915
TPCL GENERATION	689	688	713	803
R-INFRA GENERATION	377	392	378	378
MUMBAI DEMAND	2213	2222	2287	2247
STATE DEMAND MET	18446	18383	17184	17162
STATE DEMAND	18604	18541	17184	17162
Frequency (Hz)	50.03	50.03	49.95	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.02 Hrs	49.81 Hz at 21.09 Hrs	50	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 17/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	8.34	61.11	380	320
Unit 9	0.00	101.02	0	0
Unit 10	9.42	133.87	401	350
Total	17.76	334.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.79	168.79	480	355
Unit 5	9.84	165.28	485	355
Total	19.64	334.06		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.32	79.54	190	171
Unit 7	1.42	72.72	180	0
Unit 8	4.02	68.95	180	157
Total	9.77	221.21		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.32	179.48	470	360
Unit 6	0.00	0.00	0	0
Unit 7	9.80	171.06	454	351
Unit 8	10.02	164.25	465	353
Unit 9	9.96	126.63	451	350
Total	40.10	641.42		
Paras				
Unit 3	4.98	87.73	250	186
Unit 4	4.99	88.82	250	170
Total	9.96	176.55		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	0.00	37.36	0	0
Unit 3	3.69	59.70	159	149
Unit 4	3.57	44.48	151	140
Unit 5	8.37	146.21	350	340
Total	15.63	294.54		
Nasik				
Unit 3	3.94	71.44	180	160
Unit 4	0.00	0.13	0	0
Unit 5	3.92	66.28	171	157
Total	7.86	137.84		
Uran				
All Units	9.20	146.45	406	360
Total	9.20	146.45		
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)	0.16	1.02	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.02		
Koyna				
Stage 1-2	1.96	45.28	330	40
Stage 4	0.00	22.31	0	0
Stage 3	0.09	15.83	68	0
Total	2.04	83.43		
Hydro				
KDPH	0.32	3.87	14	13
VTRNA	0.00	0.00	0	0
TILLARI	0.00	3.34	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.06	3.15	60	0
RNGR+BHTSA	0.24	3.97	10	9
BHANDARDRA	0.75	0.92	44	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	3.36	15	4
GHATGHAR	0.00	8.29	0	0
Total	1.54	26.91		
Wind				
Total	44.19	618.92	0	0
Total	44.19	618.92		
CPP				
APML(Mus)	37.51	616.78	0	0
JSWEL(Mus)	19.03	416.96	0	0
VIPL(Mus)	5.57	138.21	0	0
RPLAMT(Mus)	16.33	287.05	0	0
WPCL(Mus)	2.51	68.04	0	0
Other(Mus)	8.21	175.42	0	0
Total	89.15	1702.46		
SOLAR				
Total	5.63	88.25	0	0
Total	5.63	88.25		
Tata				
Trombay 5	7.52	178.92	318	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	37.80	105	69
Trombay 7B	1.36	23.18	60	50
Trombay 8	5.20	93.98	224	213
TATA Hydro	0.38	60.11	108	0
Total	16.68	394.00		
R-INFRA				
DTPS U-1&2	9.76	194.85	503	376
Total	9.76	194.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.71	2140.05	MSPGCL Total	133.49	2396.84
			MSPGCL Thml+Gas	129.91	2286.50	Koyna 1,2 & 4 Total	1.96	67.60
			MSPGCL Hydro	3.58	110.34	State Total	298.89	5395.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5479	113	392	5984	1265	4111	0	0	5879	5918	-1250	16028	0	16028	2347	18375	50.00
2	5473	113	395	5981	1187	4109	0	0	5774	5742	-1136	15883	0	15883	2185	18068	50.00
3	5462	113	394	5969	1136	4103	0	0	5678	5565	-1044	15729	0	15729	2075	17804	50.01
4	5472	85	404	5961	985	4012	0	0	5656	5397	-972	15383	0	15383	2002	17385	49.99
5	5486	85	383	5954	1015	3938	0	0	5598	5956	-935	15928	0	15928	1964	17892	50.00
6	5442	85	406	5933	1371	3901	0	2	5871	5941	-951	16197	0	16197	1986	18183	50.00
7	5456	85	395	5936	1555	3871	0	53	6371	6357	-816	16956	0	16956	1952	18908	50.02
8	5457	103	395	5955	1622	3857	0	200	5880	5751	-894	16491	0	16491	1964	18455	50.05
9	5281	113	395	5789	1959	3784	0	420	5424	4845	-974	15823	0	15823	2039	17862	50.09
10	4936	123	401	5460	2055	3579	0	588	5444	5137	-1010	15809	146	15955	2079	18034	50.04
11	4808	183	381	5372	2099	3583	0	703	5553	4976	-1086	15647	79	15726	2148	17874	50.07
12	4802	123	396	5321	2343	3556	0	734	5528	5426	-1147	16233	158	16391	2213	18604	50.03
13	4784	127	379	5290	2525	3662	0	708	5547	5118	-1142	16161	158	16319	2222	18541	50.03
14	4606	108	363	5077	2366	3467	0	637	5434	5284	-1027	15804	158	15962	2206	18168	49.98
15	4634	168	382	5184	2223	3382	0	623	5033	5107	-988	15531	158	15689	2171	17860	49.99
16	4610	142	360	5112	2230	3399	0	462	5079	4959	-946	15216	158	15374	2132	17506	49.99
17	4598	77	372	5047	2284	3394	0	328	4950	4944	-909	15088	158	15246	2095	17341	50.01
18	4606	157	375	5138	2260	3427	0	144	4429	4622	-939	14652	37	14690	2103	16793	49.99
19	4575	421	372	5368	2162	3415	0	28	4022	4641	-1095	14519	0	14519	2160	16679	49.91
20	4773	448	365	5586	1904	3565	0	0	4638	4622	-1128	14549	0	14549	2243	16792	49.95
21	5016	110	383	5509	2027	3847	0	0	5058	4711	-1196	14897	0	14897	2287	17184	49.95
22	4912	110	365	5387	2011	3612	0	0	4924	4914	-1147	14777	0	14777	2277	17054	49.94
23	4905	285	373	5563	1843	3677	0	0	4970	4898	-1066	14915	0	14915	2247	17162	49.92
24	5139	101	375	5615	1760	3897	0	0	5059	4988	-1094	15166	0	15166	2228	17394	50.00
MUs	120.71	3.58	9.20	133.49	44.19	89.15	0.00	5.63	127.80	125.82	-24.89	373.39	1.21	374.60	51.33	425.92	50.00

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 17/Jun/2018

Position as on 6.30 Hrs of 18/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	
MSPGCL	Koyana STG-IV Unit-4	250	12/06/2018	09.40		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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Adani U-5	660	24/04/2018	08.53		Continued.	coal shortage due to critical coal stock & lower coal receipts from 02-May-2018	
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.	
CPP	IEPL Unit 1	270	07/06/2018	00.00		Continued.	Coal Shortage	
IPP	Adani U-4	660	07/06/2018	12.06		Continued.	Due to APH-A Hot PA duct below leakage	
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	Khaparkheda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Koyana Unit 5	80	13/06/2018	08.05		Continued.	Injector 6 Replacement Work.	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 18/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	17/06/2018	06.30	T	Distance Protection,tower collapsed.
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	16/06/2018	15.06	18/06/2018	06.32	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)
Bhusawal-Aurangabad	IntraState	16/06/2018	20.46	17/06/2018	06.58	HT	Over Voltage
karad -kolhapur-I	IntraState	17/06/2018	06.06		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	17/06/2018	08.41	17/06/2018	13.25	PO	Insulator String Replacement.
Chandrapur II - Chandrapur ckt I	IntraState	17/06/2018	10.22		Continued.	PO	Checking The Healthiness Of R Y B Phase.
Main Bus I @ Chandrapur Sw	IntraState	17/06/2018	11.29		Continued.	PO	Checking The Healthiness Of R Y B Phase
Khadka-Aurangabad (Waluj)	IntraState	17/06/2018	18.24	18/06/2018	06.28	HT	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
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	17/06/2018	15.25	17/06/2018	19.00	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.
Nasik Navsari II	InterState	17/06/2018	01.40	17/06/2018	17.32	T	Distance Protection
Nasik Navsari I	InterState	17/06/2018	02.24	17/06/2018	17.31	T	Distance Protection
Boisar(MS) - Boisar (PG) - I	InterState	17/06/2018	08.59	17/06/2018	09.36	T	Jumper Broken.
Boisar(MS) - Boisar (PG) II	InterState	17/06/2018	08.59	17/06/2018	16.27	T	Jumper Broken.
Boisar Tarapur	InterState	17/06/2018	08.59	17/06/2018	10.30	T	Tripped Only From Tarapur End.
Boisar(MS) - Boisar (PG) - I	InterState	17/06/2018	09.36	17/06/2018	15.47	T	Tripped At Boisar End.
Boisar(MS) - Boisar (PG) - I	InterState	17/06/2018	13.04	17/06/2018	15.47	PO	Attending Broken B Phase Jumper.
Borivali - Tarapur	InterState	17/06/2018	13.25	17/06/2018	19.32	T	Tripped Only From Tarapur End.
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.

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 17/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 18/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Waluj - Chitegaon li	IntraState	15/06/2018	22.43		Continued.	T	Distance Protection, R-phase Conductor Snapped.
Sonkhar - Trombay	IntraState	16/06/2018	06.30	17/06/2018	21.52	PO	Conductor Replacement Work.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Ghatghar - Jindal	IntraState	17/06/2018	09.44	17/06/2018	17.10	PO	Insulator String Replacement.
Boisar(M) - Ghodbunder	IntraState	17/06/2018	10.41	18/06/2018	01.55	PO	Safety Purpose.
Trombay Bus No. VI	IntraState	17/06/2018	12.25	17/06/2018	13.40	PO	Attending Isolator Work.
Bridgestone - Chakan II	IntraState	18/06/2018	02.55	18/06/2018	04.03	T	Distance Protection
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)
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	15/06/2018	10.50		Continued.	T	OSR/DGA Values Of OLTC Oil Shows Content Of Fault Gases.

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