

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jun/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.984	1769.989	1) Gujrat	-6.136	-91.581
2) Hydro	14.069	91.410	2) Madhya Pradesh	15.081	130.839
3) Gas	5.920	118.887	3) Chattisgarh	6.190	83.020
Total MSPGCL	148.973	1980.286	4) Maharashtra Net	123.206	1683.026
B) 1) APML	30.402	507.848	5) Goa (Amona)	-0.440	-3.322
2) JSWEL	26.916	352.798	Total	137.901	1801.982
3) VIPL	7.467	119.101	a) Mumbai Schedule	30.305	422.009
4) RPL(AMT)	18.964	235.052	b) Mumbai Drawl	34.213	457.209
5) WPCL	2.827	60.245	c) MSEDCL Bilateral *	26.621	507.536
6) PGPL	0.000	0.000	Include PX	-0.671	75.462
7) Other IPP	9.659	148.863	d) Mumbai Bilateral *	30.305	418.624
C) 1) TPCL Thermal	16.944	229.884	Include PX	14.215	132.057
2) TPCL Hydro	4.448	54.630	Include Standby	0.000	3.385
3) TPCL Gas	3.687	50.029	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.004	162.487	1) MSEDCL	404.302	5303.771
D) STATE			2) Mumbai Discoms	71.296	954.242
1) Thermal	254.167	3586.267	TOTAL STATE	475.598	6258.013
(A1+C1+C4+(B1-B6))					
2) Hydro	18.517	146.040			
(A2+C2)					
3) Gas	9.607	168.916			
(A3+B6+C3)					
4) Wind	49.604	484.057			
6) SOLAR	5.802	70.748			
TOTAL STATE	337.697	4456.028			

* 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 22 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5482	5331	5314	5296
MSPGCL Hydro	69	928	1139	405
MSPGCL Gas	234	233	245	240
MSPGCL Total Generation	5785	6492	6698	5941
Central Sector Receipt	6074	6059	5774	4962
WIND	2553	2312	1496	1873
CPP / IPP Thermal	3810	4082	4149	4116
CPP / IPP Gas	0	0	0	0
SOLAR	744	488	0	0
Exchange with Mumbai	-1741	-1733	-1324	-1180
MSEDCL DEMAND MET	17225	17700	16793	15712
Load Shedding	0	0	0	0
MSEDCL DEMAND	17225	17700	16793	15712
TPCL GENERATION	1220	1278	1110	828
R-INFRA GENERATION	500	501	500	500
MUMBAI DEMAND	3461	3512	2934	2508
STATE DEMAND MET	20686	21212	19727	18220
STATE DEMAND	20686	21212	19727	18220
Frequency (Hz)	49.95	49.91	49.90	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 07.58 Hrs	49.67 Hz at 20.22 Hrs	49.93	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 14/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	8.65	37.45	386	290
Unit 9	0.00	101.02	0	0
Unit 10	9.26	107.07	402	348
Total	17.92	283.97		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.92	138.83	500	345
Unit 5	9.54	137.78	460	350
Total	19.46	276.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.54	66.45	200	183
Unit 7	4.37	62.58	194	173
Unit 8	5.49	56.08	243	187
Total	14.40	185.11		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.83	147.27	465	440
Unit 6	0.00	0.00	0	0
Unit 7	10.05	140.49	444	395
Unit 8	11.06	132.32	492	260
Unit 9	11.14	96.02	490	413
Total	43.08	516.10		
Paras				
Unit 3	4.87	73.06	216	191
Unit 4	5.08	73.32	234	190
Total	9.95	146.38		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	0.00	37.36	0	0
Unit 3	3.66	48.73	156	148
Unit 4	3.71	33.88	157	147
Unit 5	8.41	121.05	355	345
Total	15.78	247.81		
Nasik				
Unit 3	4.28	59.36	183	160
Unit 4	0.00	0.13	0	0
Unit 5	4.11	54.52	185	160
Total	8.40	114.02		
Uran				
All Units	5.92	118.89	270	231
Total	5.92	118.89		
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	0.71	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.71		
Koyna				
Stage 1-2	5.39	38.24	490	40
Stage 4	5.04	17.25	750	0
Stage 3	1.90	12.81	240	0
Total	12.33	68.30		
Hydro				
KDPH	0.32	2.88	14	13
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.83	77	0
RNGR+BHTSA	0.20	3.26	9	8
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	2.86	3	2
GHATGHAR	1.07	8.29	125	0
Total	1.74	23.11		
Wind				
Total	49.60	484.06	0	0
Total	49.60	484.06		
CPP				
APML(Mus)	30.40	507.85	0	0
JSWEL(Mus)	26.92	352.80	0	0
VIPL(Mus)	7.47	119.10	0	0
RPLAMT(Mus)	18.96	235.05	0	0
WPCL(Mus)	2.83	60.24	0	0
Other(Mus)	9.66	148.86	0	0
Total	96.24	1423.91		
SOLAR				
Total	5.80	70.75	0	0
Total	5.80	70.75		
Tata				
Trombay 5	11.34	152.03	479	461
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	30.97	106	79
Trombay 7B	1.39	19.06	61	52
Trombay 8	5.61	77.85	243	230
TATA Hydro	4.45	54.63	416	0
Total	25.08	334.54		
R-INFRA				
DTPS U-1&2	12.00	162.49	503	498
Total	12.00	162.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.98	1769.99	MSPGCL Total	148.97	1980.29
			MSPGCL Thml+Gas	134.90	1888.88	Koyna 1,2 & 4 Total	10.43	55.49
			MSPGCL Hydro	14.07	91.41	State Total	337.70	4456.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5137	1305	240	6682	1938	4006	0	0	5418	5455	-1455	16626	0	16626	2879	19505	49.94
2	5277	1143	259	6679	1725	4085	0	0	5213	4950	-1280	16159	0	16159	2688	18847	49.97
3	5296	405	240	5941	1873	4116	0	0	5332	4962	-1180	15712	0	15712	2508	18220	49.95
4	5309	283	239	5831	1980	4112	0	0	5257	5036	-1072	15887	0	15887	2401	18288	49.95
5	5323	200	260	5783	1984	4029	0	0	5275	5090	-896	15990	0	15990	2357	18347	49.95
6	5347	235	238	5820	1882	3935	0	0	5696	5911	-984	16564	0	16564	2369	18933	49.94
7	5511	577	250	6338	1956	4043	0	55	5801	6050	-1017	17425	0	17425	2352	19777	49.94
8	5549	716	251	6516	2090	4056	0	190	5796	5643	-1129	17366	0	17366	2489	19855	50.03
9	5521	136	248	5905	2595	3921	0	420	6157	5970	-1409	17402	0	17402	2786	20188	50.01
10	5320	64	247	5631	2585	3807	0	559	5874	6098	-1657	17023	0	17023	3123	20146	49.96
11	5424	141	246	5811	2509	3829	0	703	5992	5912	-1740	17024	0	17024	3344	20368	49.97
12	5482	69	234	5785	2553	3810	0	744	6149	6074	-1741	17225	0	17225	3461	20686	49.95
13	5502	79	233	5814	2745	3816	0	784	6315	6066	-1727	17498	0	17498	3451	20949	49.92
14	5534	69	253	5856	2353	3767	0	746	6112	6274	-1755	17241	0	17241	3382	20623	49.90
15	5460	578	231	6269	2325	3962	0	606	5880	6231	-1761	17632	0	17632	3482	21114	49.88
16	5331	928	233	6492	2312	4082	0	488	6082	6059	-1733	17700	0	17700	3512	21212	49.91
17	5380	909	245	6534	2305	4108	0	311	6112	5984	-1661	17581	0	17581	3445	21026	49.91
18	5335	548	246	6129	2209	4100	0	160	5799	5681	-1643	16636	0	16636	3312	19948	49.93
19	5365	260	249	5874	2118	4074	0	36	5641	5644	-1543	16203	0	16203	3116	19319	49.96
20	5361	543	237	6141	1829	4087	0	0	5754	5934	-1406	16585	0	16585	3071	19656	49.83
21	5308	891	261	6460	1462	4185	0	0	5666	5850	-1357	16600	0	16600	2993	19593	49.86
22	5314	1139	245	6698	1496	4149	0	0	5665	5774	-1324	16793	0	16793	2934	19727	49.90
23	5307	1377	265	6949	1429	4070	0	0	5491	5729	-1354	16823	0	16823	2934	19757	49.84
24	5291	1474	270	7035	1351	4086	0	0	5461	5524	-1389	16607	0	16607	2907	19514	49.92
MUs	128.98	14.07	5.92	148.97	49.60	96.23	0.00	5.80	137.94	137.90	-34.21	404.30	0.00	404.30	71.30	475.60	49.93

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 14/Jun/2018

Position as on 6.30 Hrs of 15/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 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.	bucholz realy 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	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	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
MSPGCL	Uran Unit 8	108	13/06/2018	23.08	14/06/2018	22.59	ROTOR BALANCING WORK.	
MSPGCL	Uran Unit 8	108	15/06/2018	02.23	15/06/2018	03.09	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 15/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.
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Ektuni	IntraState	14/06/2018	13.14	14/06/2018	19.37	PO	Routine Maintenance Work
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
Waluj Aurangabad(PG)- I	InterState	13/06/2018	09.11	14/06/2018	09:34	PO	STRENGTHENING OF BUS.
Dhule Sar'Sarovar I	InterState	13/06/2018	18.17	14/06/2018	06.47	HT	Over Voltage
Padgha - Boisar (PG)	InterState	14/06/2018	15.41	14/06/2018	16.03	PO	Oil Leakage work in Reactor at Padgha end
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Aurangabad - Aurangabad(PG) I	IntraState	13/06/2018	09.11	14/06/2018	09.34	PO	Isolator Maint.work
Bhusawal-Aurangabad	IntraState	13/06/2018	19.26	14/06/2018	06.22	HT	Over Voltage
Padghe - Kalwa- I	IntraState	14/06/2018	03.57	14/06/2018	08.00	PO	DAMAGED B-PH STUB BUS CONDUCTOR REPAIRING WORK.
Kalwa - Kharghar	IntraState	15/06/2018	04.12		Continued.	T	Insulator String Broken at Kalwa end
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 500 MVA ICT-I @Kalwa	IntraState	14/06/2018	05.04	14/06/2018	07.56	EO	Attending Hot Spot
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	14/06/2018	07.24	14/06/2018	18.14	PO	Tan Delta Measurment of CTs
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.
Solapur(PG)- Jeur	InterState	14/06/2018	13.23	14/06/2018	16.52	PO	Insulator String replacement
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.
Beed-Patoda Ckt 1	IntraState	14/06/2018	02.00	14/06/2018	03.29	T	Y Phase PT Burst of Section 2 at Beed
Parli New Tps - Beed Ckt 2	IntraState	14/06/2018	02.00	14/06/2018	13.46	T	Y Phase PT Burst of Section 2 at Beed
Parli New Tps - Beed Ckt 1	IntraState	14/06/2018	02.00	14/06/2018	03.26	T	Y Phase PT Burst of Section 2 at Beed

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 14/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Beed-Manjarsumba	IntraState	14/06/2018	02.00	14/06/2018	03.28	T	Y Phase PT Burst of Section 2 at Beed
Kalwa - Colourchem	IntraState	14/06/2018	04.10	14/06/2018	08.04	HT	TO AVAIL OUTAGE ON 500MVA ICT 1 AT KALWA.
Kalwa - Mulund 1	IntraState	14/06/2018	04.38	14/06/2018	08.06	HT	TO AVAIL OUTAGE ON 500MVA ICT 1 AT KALWA.
Kalwa - Mulund 2	IntraState	14/06/2018	04.38	14/06/2018	08.06	HT	TO AVAIL OUTAGE ON 500MVA ICT 1 AT KALWA.
Eklahare (Ocr)Nasik - Padghe 2	IntraState	14/06/2018	07.00	14/06/2018	11.00	PO	Replacement of LA
Mahindra Vehicle-Bridgestone	IntraState	14/06/2018	09.02	14/06/2018	17.33	PO	Half yearly maintenance work
Walchandnagar-Bhigwan	IntraState	14/06/2018	09.52	14/06/2018	17.25	PO	Jumper Tightening work
Warora - Hinganghat	IntraState	14/06/2018	10.56	14/06/2018	15.55	PO	Tan Delta Measurment of CTs
Lonikand-II- Kathapur	IntraState	14/06/2018	11.41	14/06/2018	12.55	PO	CRM Testing
Main bus section-II @ Pedambe	IntraState	14/06/2018	17.26	14/06/2018	17.47	T	LBB operated
Pedambe-Pophali	IntraState	14/06/2018	17.26	14/06/2018	17.50	T	LBB operated
Pedhambe - Oni	IntraState	14/06/2018	17.26	14/06/2018	17.55	T	LBB operated
Adlabs - Pedambe	IntraState	14/06/2018	17.26	14/06/2018	18.05	T	LBB operated
Pedambe-Nerle	IntraState	14/06/2018	17.26	14/06/2018	17.53	T	LBB operated
Bombay Dyeing - Sahara	IntraState	15/06/2018	02.17		Continued.	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 200 Mva Bbl Ict 2 @Beed	IntraState	14/06/2018	02.00	14/06/2018	13.46	T	Y Phase PT Burst of Section 2 at Beed
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	14/06/2018	02.00	14/06/2018	03.26	T	Y Phase PT Burst of Section 2 at Beed
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	14/06/2018	09.15	14/06/2018	15.15	PO	Routine Maintenance Work
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	14/06/2018	10.25	14/06/2018	17.51	PO	Measurement of IR Values of LA
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	14/06/2018	11.35	14/06/2018	13.46	PO	Pre Monsoon Maint.work
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	14/06/2018	14.08	14/06/2018	14.51	EO	To attend Hot Spot

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