

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.030	2893.096	1) Gujrat	-9.147	-154.297
2) Hydro	3.790	179.948	2) Madhya Pradesh	11.210	241.850
3) Gas	8.988	194.289	3) Chattisgarh	7.970	144.760
Total MSPGCL	132.808	3267.333	4) Maharashtra Net	95.065	2740.645
B) 1) APML	51.604	904.334	5) Goa (Amona)	-0.264	-6.072
2) JSWEL	18.835	531.207	Total	104.834	2966.886
3) VIPL	4.878	173.449	a) Mumbai Schedule	22.504	651.047
4) RPL(AMT)	14.229	394.135	b) Mumbai Drawl	27.249	722.577
5) WPCL	2.881	85.250	c) MSEDCL Bilateral *	28.173	825.588
6) PGPL	0.000	0.000	Include PX	-0.811	119.179
7) Other IPP	11.855	243.171	d) Mumbai Bilateral *	22.504	646.287
C) 1) TPCL Thermal	15.418	368.565	Include PX	9.242	217.734
2) TPCL Hydro	2.629	86.062	Include Standby	0.000	4.760
3) TPCL Gas	3.544	82.258	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.332	261.565	1) MSEDCL	344.072	8703.748
D) STATE			2) Mumbai Discoms	59.172	1521.028
1) Thermal	250.062	5854.772	TOTAL STATE	403.244	10224.776
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.419	266.010			
3) Gas (A3+B6+C3)	12.532	276.547			
4) Wind	25.409	743.886			
6) SOLAR	3.988	116.674			
TOTAL STATE	298.410	7257.889			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5410	5015	5022	4985
MSPGCL Hydro	216	257	462	63
MSPGCL Gas	383	376	388	371
MSPGCL Total Generation	6009	5648	5872	5419
Central Sector Receipt	4921	4628	4655	3459
WIND	457	1144	1672	944
CPP / IPP Thermal	4452	4328	4245	4425
CPP / IPP Gas	0	0	0	0
SOLAR	517	403	0	0
Exchange with Mumbai	-1506	-1212	-1257	-890
MSEDCL DEMAND MET	14850	14939	15187	13357
Load Shedding	0	0	0	0
MSEDCL DEMAND	14850	14939	15187	13357
TPCL GENERATION	871	1071	901	831
R-INFRA GENERATION	409	377	378	500
MUMBAI DEMAND	2786	2660	2536	2221
STATE DEMAND MET	17636	17599	17723	15578
STATE DEMAND	17636	17599	17723	15578
Frequency (Hz)	49.97	50.04	49.92	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.78 Hz at 19.39 Hrs	49.98	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 23/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	9.03	112.24	400	330
Unit 9	0.00	101.02	0	0
Unit 10	9.28	190.06	450	350
Total	18.31	441.75		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.19	233.51	490	350
Unit 5	9.13	229.01	465	350
Total	18.32	462.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.27	105.31	195	172
Unit 7	0.00	72.72	0	0
Unit 8	3.82	93.48	177	136
Total	8.09	271.52		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.02	244.70	460	341
Unit 6	7.02	27.31	345	230
Unit 7	9.92	233.74	450	366
Unit 8	10.81	231.10	499	360
Unit 9	9.53	183.07	419	354
Total	47.28	919.92		
Paras				
Unit 3	4.36	117.71	190	172
Unit 4	4.43	117.70	194	180
Total	8.78	235.41		
Khaparkheda				
Unit 1	3.70	21.33	160	150
Unit 2	0.00	37.36	0	0
Unit 3	3.89	82.68	165	158
Unit 4	3.83	67.15	161	155
Unit 5	0.00	166.70	0	0
Total	11.42	375.23		
Nasik				
Unit 3	3.88	96.39	166	157
Unit 4	0.00	0.13	0	0
Unit 5	3.94	90.24	168	158
Total	7.82	186.76		
Uran				
All Units	8.99	194.29	393	356
Total	8.99	194.29		
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)	0.10	1.72	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.72		
Koyna				
Stage 1-2	1.60	66.24	210	40
Stage 4	0.07	45.56	38	0
Stage 3	0.41	26.55	130	0
Total	2.08	138.36		
Hydro				
KDPH	0.00	6.03	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.45	6.32	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	4.48	80	0
RNGR+BHTSA	0.24	5.34	10	10
BHANDARDRA	0.66	5.31	43	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	4.45	14	3
GHATGHAR	0.00	9.66	0	0
Total	1.71	41.59		
Wind				
Total	25.41	743.89	0	0
Total	25.41	743.89		
CPP				
APML(Mus)	51.60	904.33	0	0
JSWEL(Mus)	18.84	531.21	0	0
VIPL(Mus)	4.88	173.45	0	0
RPLAMT(Mus)	14.23	394.14	0	0
WPCL(Mus)	2.88	85.25	0	0
Other(Mus)	11.86	243.17	0	0
Total	104.28	2331.55		
SOLAR				
Total	3.99	116.67	0	0
Total	3.99	116.67		
Tata				
Trombay 5	9.90	241.07	469	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	51.00	105	74
Trombay 7B	1.35	31.26	62	51
Trombay 8	5.52	127.49	242	215
TATA Hydro	2.63	86.06	232	18
Total	21.59	536.88		
R-INFRA				
DTPS U-1&2	10.33	261.56	502	376
Total	10.33	261.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.03	2893.10	MSPGCL Total	132.81	3267.33
			MSPGCL Thml+Gas	129.02	3087.38	Koyna 1,2 & 4 Total	1.67	111.81
			MSPGCL Hydro	3.79	179.95	State Total	298.41	7257.89

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	5055	101	356	5512	1159	4639	0	0	4433	4226	-1254	14282	0	14282	2710	16992	49.93
2	5048	76	376	5500	998	4638	0	0	4071	3967	-1054	14049	0	14049	2494	16543	49.98
3	5049	63	359	5471	1007	4574	0	0	4077	3576	-970	13658	0	13658	2336	15994	50.02
4	4985	63	371	5419	944	4425	0	0	4256	3459	-890	13357	0	13357	2221	15578	49.96
5	4779	90	373	5242	729	4160	0	0	4325	4137	-818	13450	0	13450	2143	15593	49.88
6	4819	100	379	5298	766	4147	0	1	4720	4437	-819	13830	0	13830	2150	15980	49.93
7	5158	95	373	5626	765	4415	0	41	4674	3987	-781	14053	0	14053	2118	16171	49.99
8	5233	80	392	5705	689	4439	0	196	4565	4274	-830	14473	0	14473	2152	16625	50.01
9	5198	63	378	5639	506	4361	0	312	4785	4671	-1145	14344	0	14344	2312	16656	50.00
10	5233	226	365	5824	442	4451	0	374	5001	4983	-1367	14707	0	14707	2562	17269	50.01
11	5410	216	383	6009	457	4452	0	517	5059	4921	-1506	14850	0	14850	2786	17636	49.97
12	5424	119	360	5903	450	4450	0	442	5170	4890	-1397	14738	0	14738	2890	17628	49.96
13	5373	101	370	5844	661	4417	0	464	5214	4678	-1302	14762	0	14762	2826	17588	49.97
14	4997	151	372	5520	820	4332	0	402	4959	4793	-1295	14572	0	14572	2707	17279	50.04
15	5015	257	376	5648	1144	4328	0	403	4901	4628	-1212	14939	0	14939	2660	17599	50.04
16	4738	128	366	5232	1352	4273	0	419	4734	4625	-1252	14649	0	14649	2618	17267	50.01
17	4630	158	389	5177	1447	4066	0	275	4434	4315	-1207	14073	0	14073	2583	16656	50.04
18	4704	423	367	5494	1832	3913	0	126	4006	4149	-1243	14271	0	14271	2551	16822	50.02
19	4628	267	379	5274	1794	3870	0	16	4508	4559	-1362	14151	0	14151	2518	16669	50.01
20	5022	462	388	5872	1672	4245	0	0	4539	4655	-1257	15187	0	15187	2536	17723	49.92
21	5069	217	370	5656	1707	4668	0	0	4519	4224	-1226	15029	0	15029	2480	17509	49.90
22	4857	68	393	5318	1366	4426	0	0	4532	4375	-1155	14330	0	14330	2379	16709	49.97
23	4851	203	381	5435	1365	4307	0	0	4237	4155	-963	14299	0	14299	2267	16566	49.97
24	4755	63	372	5190	1337	4286	0	0	4468	4148	-944	14017	0	14017	2173	16190	49.99
MUs	120.03	3.79	8.99	132.81	25.41	104.28	0.00	3.99	110.19	104.83	-27.25	344.07	0.00	344.07	59.17	403.24	49.98

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 23/Jun/2018

Position as on 6.30 Hrs of 24/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 23/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 24/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
Akola Wardha I	InterState	23/06/2018	10.36	23/06/2018	14.08	PO	Routine Maintenance Work
Chandrapur Bhadravati III	InterState	23/06/2018	18.55	23/06/2018	23.52	HT	Breaker Compressor Problem.
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	22/06/2018	19.24	23/06/2018	07.57	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	23/06/2018	01.28	24/06/2018	13.15	T	Distance Protection
Padghe - Nagothane - II	IntraState	23/06/2018	10.38	23/06/2018	19.02	PO	Faulty String Replacement Work.
Bhusawal-Aurangabad	IntraState	23/06/2018	18.38		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 @Dhule	IntraState	23/06/2018	09.19	23/06/2018	11.29	PO	Solve OSR Problem.
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.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	23/06/2018	11.16	24/06/2018	18.20	PO	RTV Coating Work.
400/220kV 315MVA ICT-III @ Kharghar	IntraState	24/06/2018	00.28	24/06/2018	02.32	PO	Attend False Indication TCIV.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	24/06/2018	10.16	24/06/2018	14.12	EO	Attending Hot Spot
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 - 2	IntraState	01/06/2018	03.29		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.
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

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 23/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 24/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Tower At LOC NO 69B & 70B At BARC Premises.
Harangul-Parly	IntraState	23/06/2018	04.47	23/06/2018	05.11	T	Distance Protection
Dahanu Ghodbunder Line 1	IntraState	23/06/2018	07.40	23/06/2018	08.12	EO	On Breaker.
Infosys - Hinjawadi 1	IntraState	23/06/2018	10.35	23/06/2018	14.12	PO	LCM Measurement Work.
Kalwa - Airoli Knowledge Park	IntraState	23/06/2018	13.56	23/06/2018	21.06	PO	Y Phase LA Replacement Work.
Dahanu Versova	IntraState	24/06/2018	01.25	24/06/2018	15.24	T	Distance Protection
Kalwa - Colourchem	IntraState	24/06/2018	09.48	24/06/2018	14.13	HT	controlling load of kalwa ict.
132 KV LINE Outages/Trippings							
Kardha-Asgaon	IntraState	23/06/2018	03.55	23/06/2018	04.14	T	Distance Protection
Parli 2(Girwali) - Latur Midc	IntraState	23/06/2018	04.28	23/06/2018	04.55	T	Distance Protection
Parli 2(Girwali) - Latur Midc	IntraState	23/06/2018	06.35	23/06/2018	12.18	T	Distance Protection
Pachora-TSS ckt-I	IntraState	24/06/2018	04.20	24/06/2018	04.35	PO	mtr operated.
Pachora-TSS ckt-I	IntraState	24/06/2018	05.20	24/06/2018	05.45	T	mtr operated.

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