

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.257	2998.353	1) Gujrat	-8.867	-163.164
2) Hydro	4.064	184.012	2) Madhya Pradesh	9.694	251.544
3) Gas	8.886	203.175	3) Chattisgarh	6.930	151.690
Total MSPGCL	118.207	3385.540	4) Maharashtra Net	88.342	2828.987
B) 1) APML	49.360	953.694	5) Goa (Amona)	-0.352	-6.424
2) JSWEL	17.389	548.596	Total	95.747	3062.633
3) VIPL	4.759	178.208	a) Mumbai Schedule	18.559	669.606
4) RPL(AMT)	13.939	408.074	b) Mumbai Drawl	21.432	744.009
5) WPCL	2.658	87.908	c) MSEDCL Bilateral *	28.824	854.412
6) PGPL	0.000	0.000	Include PX	0.000	119.179
7) Other IPP	11.288	254.459	d) Mumbai Bilateral *	18.559	664.847
C) 1) TPCL Thermal	13.107	381.672	Include PX	6.049	223.783
2) TPCL Hydro	0.300	86.362	Include Standby	0.000	4.760
3) TPCL Gas	3.742	86.000	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.791	271.356	1) MSEDCL	336.771	9040.519
D) STATE			2) Mumbai Discoms	48.372	1569.400
1) Thermal	227.548	6082.320	TOTAL STATE	385.143	10609.919
(A1+C1+C4+(B1-B6))					
2) Hydro	4.364	270.374			
(A2+C2)					
3) Gas	12.628	289.175			
(A3+B6+C3)					
4) Wind	40.363	784.249			
6) SOLAR	4.493	121.167			
TOTAL STATE	289.396	7547.285			

* 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 3 Hrs
MSPGCL Thermal	4435	4465	4532	4199
MSPGCL Hydro	259	207	378	56
MSPGCL Gas	363	367	366	352
MSPGCL Total Generation	5057	5039	5276	4607
Central Sector Receipt	3850	4000	4311	3814
WIND	1663	1705	1743	1345
CPP / IPP Thermal	4154	3997	4299	4152
CPP / IPP Gas	0	0	0	0
SOLAR	627	578	0	0
Exchange with Mumbai	-869	-882	-1125	-757
MSEDCL DEMAND MET	14482	14437	14504	13161
Load Shedding	0	0	0	0
MSEDCL DEMAND	14482	14437	14504	13161
TPCL GENERATION	851	839	746	675
R-INFRA GENERATION	502	479	378	378
MUMBAI DEMAND	2222	2200	2249	1810
STATE DEMAND MET	16704	16637	16753	14971
STATE DEMAND	16704	16637	16753	14971
Frequency (Hz)	50.00	49.98	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 08.01 Hrs	49.84 Hz at 00.16 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 24/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	120.89	408	277
Unit 9	0.00	101.02	0	0
Unit 10	8.60	198.66	409	330
Total	17.25	459.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.74	242.25	380	355
Unit 5	8.59	237.60	370	350
Total	17.33	479.85		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.36	108.68	193	0
Unit 7	0.00	72.72	0	0
Unit 8	3.53	97.02	153	143
Total	6.90	278.42		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	244.70	0	0
Unit 6	7.64	34.95	385	235
Unit 7	9.23	242.97	447	359
Unit 8	9.54	240.64	500	352
Unit 9	9.08	192.15	441	351
Total	35.48	955.40		
Paras				
Unit 3	4.45	122.16	195	173
Unit 4	4.66	122.36	202	180
Total	9.11	244.52		
Khaparkheda				
Unit 1	3.66	25.00	160	145
Unit 2	0.00	37.36	0	0
Unit 3	3.89	86.57	165	157
Unit 4	3.82	70.97	165	142
Unit 5	0.00	166.70	0	0
Total	11.38	386.60		
Nasik				
Unit 3	3.89	100.28	165	159
Unit 4	0.00	0.13	0	0
Unit 5	3.92	94.16	169	157
Total	7.81	194.57		
Uran				
All Units	8.89	203.18	392	343
Total	8.89	203.18		
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)	0.07	1.78	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.78		
Koyna				
Stage 1-2	1.47	67.72	200	40
Stage 4	0.00	45.56	0	0
Stage 3	0.90	27.46	160	0
Total	2.37	140.73		
Hydro				
KDPH	0.00	6.03	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.56	6.88	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.60	60	0
RNGR+BHTSA	0.00	5.34	0	0
BHANDARDRA	0.49	5.80	44	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	4.66	17	6
GHATGHAR	0.31	9.96	125	0
Total	1.69	43.28		
Wind				
Total	40.36	784.25	0	0
Total	40.36	784.25		
CPP				
APML(Mus)	49.36	953.69	0	0
JSWEL(Mus)	17.39	548.60	0	0
VIPL(Mus)	4.76	178.21	0	0
RPLAMT(Mus)	13.94	408.07	0	0
WPCL(Mus)	2.66	87.91	0	0
Other(Mus)	11.29	254.46	0	0
Total	99.39	2430.94		
SOLAR				
Total	4.49	121.17	0	0
Total	4.49	121.17		
Tata				
Trombay 5	7.90	248.98	459	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	53.32	100	81
Trombay 7B	1.42	32.68	61	54
Trombay 8	5.20	132.70	233	211
TATA Hydro	0.30	86.36	135	0
Total	17.15	554.03		
R-INFRA				
DTPS U-1&2	9.79	271.36	503	376
Total	9.79	271.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.26	2998.35	MSPGCL Total	118.21	3385.54
			MSPGCL Thml+Gas	114.14	3201.53	Koyna 1,2 & 4 Total	1.47	113.28
			MSPGCL Hydro	4.06	184.01	State Total	289.40	7547.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4401	201	385	4987	1401	4272	0	0	4522	4129	-949	13840	0	13840	2059	15899	49.95
2	4382	71	343	4796	1378	4316	0	0	4496	3911	-833	13568	0	13568	1921	15489	49.99
3	4199	56	352	4607	1345	4152	0	0	4178	3814	-757	13161	0	13161	1810	14971	49.97
4	4204	76	362	4642	1427	4192	0	0	3931	3693	-718	13236	0	13236	1742	14978	49.99
5	4183	95	354	4632	1492	4226	0	0	4235	3656	-686	13320	0	13320	1731	15051	49.95
6	4202	86	360	4648	1641	4222	0	2	4767	3793	-639	13667	0	13667	1785	15452	50.00
7	4214	61	370	4645	1571	4186	0	57	4521	4450	-605	14304	0	14304	1783	16087	49.99
8	4239	56	380	4675	1585	4205	0	203	4646	4464	-700	14432	0	14432	1835	16267	50.02
9	4350	81	392	4823	1587	4115	0	354	4708	4270	-867	14282	0	14282	1933	16215	50.11
10	4410	197	368	4975	1401	4031	0	482	4497	4323	-914	14298	0	14298	2074	16372	50.06
11	4445	248	385	5078	1482	4135	0	559	4279	4107	-844	14517	0	14517	2185	16702	50.00
12	4435	259	363	5057	1663	4154	0	627	4446	3850	-869	14482	0	14482	2222	16704	50.00
13	4465	207	367	5039	1705	3997	0	578	4371	4000	-882	14437	0	14437	2200	16637	49.98
14	4476	267	378	5121	1759	3911	0	550	3747	3948	-994	14295	0	14295	2111	16406	50.03
15	4462	361	376	5199	2019	3895	0	403	3850	3807	-974	14349	0	14349	2036	16385	49.98
16	4434	215	365	5014	2194	3874	0	348	3923	3684	-940	14174	0	14174	1996	16170	50.02
17	4401	201	385	4987	2038	3927	0	222	3671	3580	-896	13858	0	13858	1953	15811	50.07
18	4354	196	366	4916	1992	3902	0	97	3574	3541	-933	13515	0	13515	1989	15504	50.01
19	4322	152	365	4839	2021	3942	0	11	3579	4093	-1014	13892	0	13892	2074	15966	50.00
20	4401	211	384	4996	2005	4121	0	0	4027	4496	-1128	14490	0	14490	2193	16683	49.96
21	4532	378	366	5276	1743	4299	0	0	3990	4311	-1125	14504	0	14504	2249	16753	49.93
22	4574	192	375	5141	1644	4347	0	0	4105	4133	-1031	14234	0	14234	2227	16461	49.96
23	4589	136	376	5101	1719	4354	0	0	3923	4054	-1106	14122	0	14122	2179	16301	49.97
24	4583	61	369	5013	1551	4618	0	0	3970	3640	-1028	13794	0	13794	2085	15879	49.96
MUs	105.26	4.06	8.89	118.21	40.36	99.39	0.00	4.49	99.96	95.75	-21.43	336.77	0.00	336.77	48.37	385.14	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 24/Jun/2018

Position as on 6.30 Hrs of 25/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	Khaparkhedda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Khaparkhedda 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 24/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 25/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
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.
Deepnagar - Aurangabad	IntraState	23/06/2018	01.28	24/06/2018	13.15	T	Distance Protection
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 @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 - 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.
220kv Lonand- Phaltan line	IntraState	22/06/2018	09.45		Continued.	PO	Pre-monsoon Maintenance Work.
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
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							
Pachora-TSS ckt-I	IntraState	24/06/2018	04.20	24/06/2018	04.35	PO	mtr operated.

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 24/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 25/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pachora-TSS ckt-I	IntraState	24/06/2018	05.20	24/06/2018	05.45	T	mtr operated.