

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jun/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.707	1515.681	1) Gujrat	-6.388	-80.269
2) Hydro	3.626	71.373	2) Madhya Pradesh	11.051	102.061
3) Gas	6.405	105.428	3) Chattisgarh	6.040	70.180
Total MSPGCL	130.738	1692.482	4) Maharashtra Net	118.548	1439.495
B) 1) APML	29.748	447.939	5) Goa (Amona)	-0.484	-2.552
2) JSWEL	23.467	300.374	Total	128.767	1528.915
3) VIPL	5.126	106.547	a) Mumbai Schedule	31.902	361.390
4) RPL(AMT)	15.030	199.725	b) Mumbai Drawl	36.576	385.617
5) WPCL	2.781	54.609	c) MSEDCL Bilateral *	24.024	456.155
6) PGPL	0.000	0.000	Include PX	-3.090	77.564
7) Other IPP	8.528	129.980	d) Mumbai Bilateral *	31.902	358.006
C) 1) TPCL Thermal	15.503	197.096	Include PX	16.519	100.616
2) TPCL Hydro	4.109	47.406	Include Standby	0.000	3.385
3) TPCL Gas	3.419	42.726	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.199	139.104	1) MSEDCL	376.836	4508.135
D) STATE			2) Mumbai Discoms	70.806	811.952
1) Thermal	232.089	3091.055	TOTAL STATE	447.642	5320.087
(A1+C1+C4+(B1-B6))					
2) Hydro	7.735	118.779			
(A2+C2)					
3) Gas	9.824	148.154			
(A3+B6+C3)					
4) Wind	63.627	374.279			
6) SOLAR	5.600	58.902			
TOTAL STATE	318.875	3791.169			

* 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 17 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4672	4923	5122	4928
MSPGCL Hydro	212	251	628	50
MSPGCL Gas	242	271	372	246
MSPGCL Total Generation	5126	5445	6122	5224
Central Sector Receipt	5842	5806	5496	4628
WIND	2565	2800	2597	2598
CPP / IPP Thermal	3385	3452	3770	3416
CPP / IPP Gas	0	0	0	0
SOLAR	755	334	0	0
Exchange with Mumbai	-1763	-1580	-1541	-1305
MSEDCL DEMAND MET	15910	16257	16444	14561
Load Shedding	0	0	0	0
MSEDCL DEMAND	15910	16257	16444	14561
TPCL GENERATION	1203	1272	980	624
R-INFRA GENERATION	501	497	500	380
MUMBAI DEMAND	3467	3349	3021	2309
STATE DEMAND MET	19377	19606	19465	16870
STATE DEMAND	19377	19606	19465	16870
Frequency (Hz)	49.98	49.98	49.92	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 07.58 Hrs	49.79 Hz at 19.17 Hrs	49.99	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 12/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	0.00	24.11	0	0
Unit 9	8.59	92.79	411	301
Unit 10	6.54	89.99	350	221
Total	15.13	245.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.30	119.59	485	350
Unit 5	9.22	118.92	455	355
Total	18.51	238.51		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.40	57.77	192	165
Unit 7	4.28	56.51	186	169
Unit 8	4.73	45.55	232	184
Total	13.41	159.83		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.66	125.73	440	365
Unit 6	0.00	0.00	0	0
Unit 7	9.46	120.03	438	359
Unit 8	10.47	111.21	460	360
Unit 9	10.31	74.39	474	362
Total	39.89	431.36		
Paras				
Unit 3	4.52	63.36	233	158
Unit 4	4.29	63.10	218	155
Total	8.81	126.45		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	1.70	37.36	180	0
Unit 3	3.57	41.51	163	142
Unit 4	3.50	26.57	155	135
Unit 5	8.17	104.34	350	320
Total	16.95	216.57		
Nasik				
Unit 3	3.98	51.08	185	160
Unit 4	0.00	0.13	0	0
Unit 5	4.03	46.42	184	160
Total	8.00	97.63		
Uran				
All Units	6.40	105.43	372	230
Total	6.40	105.43		
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	0.54	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.54		
Koyna				
Stage 1-2	1.64	30.21	345	40
Stage 4	0.68	11.46	200	0
Stage 3	0.17	9.70	80	0
Total	2.49	51.37		
Hydro				
KDPH	0.00	2.46	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.59	2.75	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.57	57	0
RNGR+BHTSA	0.20	2.85	9	8
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.08	2.70	11	1
GHATGHAR	0.16	6.67	79	0
Total	1.13	20.00		
Wind				
Total	63.63	374.28	0	0
Total	63.63	374.28		
CPP				
APML(Mus)	29.75	447.94	0	0
JSWEL(Mus)	23.47	300.37	0	0
VIPL(Mus)	5.13	106.55	0	0
RPLAMT(Mus)	15.03	199.72	0	0
WPCL(Mus)	2.78	54.61	0	0
Other(Mus)	8.53	129.98	0	0
Total	84.68	1239.17		
SOLAR				
Total	5.60	58.90	0	0
Total	5.60	58.90		
Tata				
Trombay 5	10.02	130.33	480	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.10	26.43	108	55
Trombay 7B	1.31	16.30	62	43
Trombay 8	5.48	66.76	242	213
TATA Hydro	4.11	47.41	436	0
Total	23.03	287.23		
R-INFRA				
DTPS U-1&2	11.20	139.10	502	378
Total	11.20	139.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.71	1515.68	MSPGCL Total	130.74	1692.48
			MSPGCL Thml+Gas	127.11	1621.11	Koyna 1,2 & 4 Total	2.32	41.67
			MSPGCL Hydro	3.63	71.37	State Total	318.88	3791.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5330	51	307	5688	2676	3668	0	0	4882	4587	-1487	15132	0	15132	2870	18002	50.00
2	5190	51	258	5499	2527	3550	0	0	4583	4487	-1336	14727	0	14727	2638	17365	50.01
3	5144	50	236	5430	2655	3529	0	0	4596	4595	-1281	14928	0	14928	2465	17393	50.00
4	5137	50	248	5435	2630	3502	0	0	4635	4378	-1346	14599	0	14599	2347	16946	50.01
5	4928	50	246	5224	2598	3416	0	0	4507	4628	-1305	14561	0	14561	2309	16870	49.97
6	5060	55	238	5353	2807	3456	0	0	5016	5170	-1335	15451	0	15451	2335	17786	50.01
7	5409	50	248	5707	2566	3785	0	52	5204	5062	-1263	15909	0	15909	2318	18227	50.01
8	5381	50	239	5670	2654	3547	0	190	5306	5315	-1398	15978	0	15978	2454	18432	50.10
9	5320	100	256	5676	2953	3510	0	423	5264	5029	-1728	15863	0	15863	2784	18647	50.05
10	5072	100	236	5408	2945	3483	0	553	5409	5212	-1756	15845	0	15845	3126	18971	50.03
11	4805	153	234	5192	2739	3468	0	650	5512	5454	-1756	15747	0	15747	3389	19136	50.03
12	4672	212	242	5126	2565	3385	0	755	5524	5842	-1763	15910	0	15910	3467	19377	49.98
13	4761	135	241	5137	2675	3444	0	705	5972	5559	-1709	15811	0	15811	3477	19288	50.00
14	4598	104	231	4933	2503	3383	0	657	5750	5929	-1666	15739	0	15739	3383	19122	49.96
15	4723	193	230	5146	2660	3275	0	630	5645	5870	-1680	15901	0	15901	3469	19370	49.94
16	4842	289	244	5375	2671	3344	0	459	5860	5907	-1669	16087	0	16087	3454	19541	49.97
17	4923	251	271	5445	2800	3452	0	334	5824	5806	-1580	16257	0	16257	3349	19606	49.98
18	4902	109	249	5260	2876	3439	0	160	5510	5553	-1267	16021	0	16021	3047	19068	49.98
19	4830	109	280	5219	2709	3327	0	32	5407	5819	-1539	15567	0	15567	3071	18638	50.00
20	4866	450	294	5610	2688	3434	0	0	5583	5846	-1552	16026	0	16026	3079	19105	49.90
21	5122	628	372	6122	2597	3770	0	0	5196	5496	-1541	16444	0	16444	3021	19465	49.92
22	5242	226	363	5831	2317	3871	0	0	5420	5628	-1514	16133	0	16133	2955	19088	49.92
23	5275	111	366	5752	2410	3895	0	0	5529	5809	-1547	16319	0	16319	2994	19313	49.94
24	5175	49	276	5500	2406	3751	0	0	5468	5786	-1558	15885	0	15885	3005	18890	49.98
MUs	120.7 1	3.63	6.40	130.74	63.63	84.68	0.00	5.60	127.60	128.77	-36.58	376.84	0.00	376.84	70.81	447.64	49.99

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 12/Jun/2018

Position as on 6.30 Hrs of 13/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	Khaparkhedha Unit 1	210	02/06/2018	23.57		Continued.	Poor coal receipt.	
MSPGCL	Koradi Unit-8	660	04/06/2018	18.15	13/06/2018	04.51	abnormal combustion.	
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	Uran Unit 8	108	12/06/2018	00.43	12/06/2018	16.13	vibration balancing trial work.	
MSPGCL	Koyna Unit 4	70	12/06/2018	09.40		Continued.	approved for annual overhauling work for 40 days.	
MSPGCL	Khaparkhedha Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Uran Unit 8	108	12/06/2018	17.23	12/06/2018	17.56	vibration cheking	
MSPGCL	Uran Unit 8	108	12/06/2018	23.17		Continued.	vibration balancing trial work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Jun/2018

Position as on 6.30 Hrs of 13/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	13/06/2018	05.15		Continued.	Boiler Auxiliary caught Fire	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 13/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.
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	11/06/2018	18.33	12/06/2018	10.19	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	12/06/2018	09.44	12/06/2018	17.43	PO	Testing Work
Dhule Sar'Sarovar II	InterState	12/06/2018	17.28		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	11/06/2018	18.58	12/06/2018	06.54	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	12/06/2018	07.00	12/06/2018	18.52	PO	for replacement of faulty disk insulator.
N.Koyna-Karad -Ckt I	IntraState	12/06/2018	16.14	12/06/2018	18.20	EO	isolator hot spot.
N.Koyna-Karad -Ckt I	IntraState	12/06/2018	19.23		Continued.	T	Distance Protection
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 @New Koyna	IntraState	12/06/2018	08.51	12/06/2018	15.08	PO	pre monsoon 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 - 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.
Chalisgaon -Babhaleshwar	IntraState	01/06/2018	16.42	12/06/2018	20.16	T	Distance Protection,tower collapsed.
220KV Chalisagaon-Kopergaon	IntraState	01/06/2018	16.42	12/06/2018	20.45	T	Distance Protection,tower collapsed.
Kandalgaon - Sona Alloys	IntraState	11/06/2018	15.20	12/06/2018	08.40	T	LBB operated
220kv Halkarni- Tillary	IntraState	12/06/2018	09.27	12/06/2018	16.40	PO	faulty disc insulator replacement work.
Loteparshuram- Dasturi Line	IntraState	12/06/2018	09.30	12/06/2018	14.45	PO	r ph hot spot in isolator.
Talandge(400kv)- Ichalkaranji 1	IntraState	12/06/2018	10.13	12/06/2018	14.08	PO	Quarterly Maintainance Work
Wardha - Wardha Rly Tss 2	IntraState	12/06/2018	10.31	12/06/2018	14.55	EO	Attending Hot Spot
Uran - Apta IV	IntraState	12/06/2018	10.34	12/06/2018	16.06	EO	Attending Hot Spot

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 12/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 13/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
khaparkheda-Khaparkheda(new)-I	IntraState	12/06/2018	10.51	12/06/2018	14.08	PO	Routine Maintenance Work
Nagothane-Wadkhal II	IntraState	12/06/2018	10.54	12/06/2018	22.40	PO	R.M.Work(connected to GIS S/Stn)
Wadkhal - NDIL-III	IntraState	12/06/2018	12.00	12/06/2018	17.40	PO	Routine Maintenance Work
Kolhapur-Bidri	IntraState	12/06/2018	12.37	12/06/2018	17.20	EO	pilot string broken.
Virur - Gadchiroli	IntraState	12/06/2018	13.41	12/06/2018	20.35	PO	Testing Work
Talandge(400kv)- Ichalkaranji 2	IntraState	12/06/2018	14.31	12/06/2018	16.52	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)
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	06/06/2018	16.21		Continued.	HT	Over Voltage
Solapur II(Bale)-Naldurg	IntraState	12/06/2018	21.20		Continued.	T	Distance Protection
Phursungi-Mundhawa	IntraState	12/06/2018	22.35	13/06/2018	03.30	T	Distance Protection

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