

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/May/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.305	1450.452	1) Gujrat	-3.122	-43.450
2) Hydro	40.575	341.795	2) Madhya Pradesh	17.787	176.558
3) Gas	6.693	78.744	3) Chattisgarh	7.210	74.590
Total MSPGCL	199.573	1870.991	4) Maharashtra Net	129.141	1288.565
B) 1) APML	40.816	383.620	5) Goa (Amona)	-0.440	-4.488
2) JSWEL	28.459	279.651	Total	150.576	1491.775
3) VIPL	5.062	50.709	a) Mumbai Schedule	27.607	287.272
4) RPL(AMT)	13.319	167.244	b) Mumbai Drawl	31.015	299.610
5) WPCL	4.323	41.153	c) MSEDCL Bilateral *	47.032	404.264
6) PGPL	0.000	0.000	Include PX	12.994	59.453
7) Other IPP	10.178	101.140	d) Mumbai Bilateral *	27.607	287.272
C) 1) TPCL Thermal	17.276	167.045	Include PX	10.044	115.807
2) TPCL Hydro	7.716	49.804	Include Standby	0.000	0.000
3) TPCL Gas	2.486	29.018	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.893	116.360	1) MSEDCL	442.590	4325.548
D) STATE			2) Mumbai Discoms	70.386	661.837
1) Thermal	283.631	2757.374	TOTAL STATE	512.976	4987.385
(A1+C1+C4+(B1-B6))					
2) Hydro	48.291	391.599			
(A2+C2)					
3) Gas	9.179	107.762			
(A3+B6+C3)					
4) Wind	15.233	175.421			
6) SOLAR	6.066	63.454			
TOTAL STATE	362.400	3495.610			

* 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	6248	6289	6196	6292
MSPGCL Hydro	2014	2003	1283	1159
MSPGCL Gas	268	277	291	283
MSPGCL Total Generation	8530	8569	7770	7734
Central Sector Receipt	7553	7565	5393	5494
WIND	189	219	822	892
CPP / IPP Thermal	4303	4387	4480	4493
CPP / IPP Gas	0	0	0	0
SOLAR	813	809	0	0
Exchange with Mumbai	-1655	-1641	-1263	-1336
MSEDCL DEMAND MET	19733	19908	17202	17277
Load Shedding	0	0	0	0
MSEDCL DEMAND	19733	19908	17202	17277
TPCL GENERATION	1283	1285	1252	1095
R-INFRA GENERATION	495	493	496	496
MUMBAI DEMAND	3433	3419	3011	2927
STATE DEMAND MET	23166	23327	20213	20204
STATE DEMAND	23166	23327	20213	20204
Frequency (Hz)	49.88	49.92	49.87	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18:02 Hrs	49.65 Hz at 15:24 Hrs	49.9	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 10/May/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	0.00	0	0
Unit 8	8.63	78.64	428	349
Unit 9	8.68	79.78	437	348
Unit 10	8.47	76.70	400	300
Total	25.78	235.12		
Bhusawal				
Unit 3	3.90	44.46	180	160
Unit 4	11.32	108.94	495	440
Unit 5	11.36	113.37	490	450
Total	26.59	266.77		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.04	49.81	250	190
Unit 7	4.98	50.38	241	184
Unit 8	4.63	45.26	203	180
Total	14.64	145.45		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.72	109.10	460	420
Unit 6	0.00	0.00	0	0
Unit 7	10.74	49.01	454	437
Unit 8	9.02	101.02	400	346
Unit 9	9.15	100.02	387	366
Total	39.63	359.16		
Paras				
Unit 3	5.95	54.66	250	239
Unit 4	5.95	51.19	253	232
Total	11.90	105.85		
Khaparkheda				
Unit 1	3.74	36.63	160	140
Unit 2	3.95	37.93	180	150
Unit 3	3.91	38.82	168	157
Unit 4	3.85	38.53	165	152
Unit 5	10.46	99.64	485	388
Total	25.91	251.55		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.91	43.45	173	155
Unit 5	3.95	43.10	184	161
Total	7.86	86.55		
Uran				
All Units	6.69	78.74	296	267
Total	6.69	78.74		
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)	0.21	0.62	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.21	0.62		
Koyna				
Stage 1-2	10.66	82.32	555	65
Stage 4	20.57	174.20	1000	348
Stage 3	6.65	55.68	320	160
Total	37.88	312.20		
Hydro				
KDPH	0.75	7.94	32	31
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	2.47	80	0
RNGR+BHTSA	0.28	2.76	12	11
BHANDARDRA	0.48	4.84	42	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	4.68	23	13
GHATGHAR	0.41	4.27	125	0
Total	2.69	29.59		
Wind				
Total	15.23	175.42	0	0
Total	15.23	175.42		
CPP				
APML(Mus)	40.82	383.62	0	0
JSWEL(Mus)	28.46	279.65	0	0
VIPL(Mus)	5.06	50.71	0	0
RPLAMT(Mus)	13.32	167.24	0	0
WPCL(Mus)	4.32	41.15	0	0
Other(Mus)	10.18	101.14	0	0
Total	102.16	1023.52		
SOLAR				
Total	6.07	63.45	0	0
Total	6.07	63.45		
Tata				
Trombay 5	11.58	111.27	489	451
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	16.89	61	56
Trombay 7B	1.10	12.13	49	44
Trombay 8	5.70	55.78	242	232
TATA Hydro	7.72	49.80	459	78
Total	27.48	245.87		
R-INFRA				
DTPS U-1&2	11.89	116.36	498	493
Total	11.89	116.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.30	1450.45	MSPGCL Total	199.57	1870.99
			MSPGCL Thml+Gas	159.00	1529.20	Koyna 1,2 & 4 Total	31.23	256.52
			MSPGCL Hydro	40.58	341.80	State Total	362.40	3495.61

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/May/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	6372	1868	271	8511	948	4399	0	0	5435	5561	-1233	18186	0	18186	2879	21065	49.85
2	6453	1917	283	8653	738	4418	0	0	5383	5499	-1049	18259	0	18259	2669	20928	49.89
3	6456	1927	294	8677	736	4361	0	0	5454	5531	-971	18334	0	18334	2486	20820	49.92
4	6340	1932	274	8546	756	4096	0	0	5392	5558	-914	18042	0	18042	2358	20400	49.91
5	6326	1942	285	8553	851	3897	0	0	5349	5508	-831	17978	0	17978	2277	20255	49.91
6	6329	1927	286	8542	838	3905	0	0	6034	6168	-875	18578	0	18578	2273	20851	49.92
7	6349	1912	277	8538	661	3905	0	51	6520	6645	-851	18949	0	18949	2262	21211	50.00
8	6358	1707	296	8361	551	3874	0	209	6472	6608	-955	18648	0	18648	2373	21021	49.97
9	6340	1682	284	8306	319	3875	0	447	6445	6294	-1136	18105	0	18105	2688	20793	49.94
10	6295	1962	270	8527	283	3880	0	643	6759	6692	-1322	18703	0	18703	3058	21761	49.91
11	6266	1939	278	8483	192	4012	0	757	7000	7057	-1553	18948	0	18948	3332	22280	49.87
12	6248	2014	268	8530	189	4303	0	813	7587	7553	-1655	19733	0	19733	3433	23166	49.88
13	6289	2003	277	8569	219	4387	0	809	7840	7565	-1641	19908	0	19908	3419	23327	49.92
14	6297	1955	278	8530	308	4403	0	789	7468	7461	-1568	19923	0	19923	3349	23272	49.90
15	6484	1973	267	8724	381	4384	0	628	7526	7407	-1656	19868	0	19868	3431	23299	49.88
16	6550	2003	277	8830	504	4407	0	484	7427	7306	-1683	19848	0	19848	3462	23310	49.83
17	6511	1923	268	8702	605	4415	0	306	7175	6988	-1618	19398	0	19398	3393	22791	49.90
18	6518	1388	280	8186	741	4407	0	118	6881	6073	-1515	18010	0	18010	3270	21280	49.97
19	6315	756	280	7351	629	4375	0	12	5823	5709	-1438	16638	0	16638	3089	19727	49.92
20	6201	1128	270	7599	698	4461	0	0	5573	5573	-1282	17049	0	17049	3063	20112	49.81
21	6196	1283	291	7770	822	4480	0	0	5538	5393	-1263	17202	0	17202	3011	20213	49.87
22	6264	986	272	7522	946	4488	0	0	5532	5353	-1205	17104	0	17104	2914	20018	49.87
23	6292	1159	283	7734	892	4493	0	0	5636	5494	-1336	17277	0	17277	2927	20204	49.85
24	6256	1289	284	7829	1426	4526	0	0	5734	5580	-1465	17896	0	17896	2970	20866	49.99
MUs	152.30	40.57	6.69	199.57	15.23	102.16	0.00	6.07	151.98	150.58	-31.02	442.59	0.00	442.59	70.39	512.98	49.90

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 10/May/2018

Position as on 6.30 Hrs of 11/May/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
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	Uran Unit 6	108	07/05/2018	00.56		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2018

Statement-VII

Position as on 6.30 Hrs of 11/May/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	09/05/2018	18.12	10/05/2018	11.21	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	10/05/2018	08.32	10/05/2018	18.01	PO	Line Maintenance work
Kolhapur Solapur(PG) I	InterState	10/05/2018	17.23	10/05/2018	18.45	T	Distance Protection
Dhule Sar'Sarovar I	InterState	10/05/2018	19.46		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/05/2018	18.35	10/05/2018	07.28	HT	Over Voltage
Babhaleshwar - Bhusawal II	IntraState	10/05/2018	16.34	10/05/2018	19.53	T	Distance Protection
Alkud-Kolhapur(Talandage)	IntraState	10/05/2018	17.57	10/05/2018	18.51	T	Tripped on PDR
Khadka-Aurangabad (Waluj)	IntraState	10/05/2018	20.26		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/05/2018	00.43		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.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	10/05/2018	10.55	10/05/2018	12.03	HT	Air Released.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	10/05/2018	17.53	10/05/2018	19.05	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.
Tillari Amona	InterState	10/05/2018	02.55	10/05/2018	03.45	T	Over Voltage
Mahalakshmi Amona	InterState	10/05/2018	02.55	10/05/2018	03.07	T	Over Voltage
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.
Trombay - Kalwa	IntraState	10/05/2018	07.01	10/05/2018	11.22	EO	Attending Hot Spot
Vsni-512 Khadki	IntraState	10/05/2018	09.02	10/05/2018	16.34	PO	Line Maintenance work
Kathapur-Ranjangaon	IntraState	10/05/2018	09.20	10/05/2018	17.20	PO	Insulator Washing Work.
Miraj - Mhaishal	IntraState	10/05/2018	11.20	10/05/2018	17.15	HT	Control Line Loading.
Miraj - Tilwani	IntraState	10/05/2018	17.24	10/05/2018	21.00	T	Distance Protection
Sawantwadi-Bidri	IntraState	10/05/2018	17.25	10/05/2018	18.05	T	Distance Protection
Talandage - Sawantwadi I	IntraState	10/05/2018	17.25	10/05/2018	22.03	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	10/05/2018	17.33	10/05/2018	18.06	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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	10/05/2018	08.44	10/05/2018	12.23	PO	Attending Oil Leakage
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	10/05/2018	14.51	10/05/2018	15.12	T	Bus Bar Protection Operated
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	10/05/2018	14.51	10/05/2018	15.12	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Sawangi (220kv) - Harsool	IntraState	10/05/2018	14.25	10/05/2018	15.50	T	Distance Protection
Deepnagar- Nimbhora	IntraState	10/05/2018	14.31	10/05/2018	14.37	T	Distance Protection

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 10/May/2018

Statement-VII

Position as on 6.30 Hrs of 11/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dondaicha-Nandurbar	IntraState	10/05/2018	14.51	10/05/2018	15.21	T	Bus Bar Protection Operated
Dondaicha- Shahada	IntraState	10/05/2018	14.51	10/05/2018	15.15	T	Bus Bar Protection Operated
Dondaicha(220kv) - Dondaicha (132k	IntraState	10/05/2018	14.51	10/05/2018	15.20	T	Bus Bar Protection Operated
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	10/05/2018	14.51	10/05/2018	15.14	T	Bus Bar Protection Operated
Killari Tap On Ujani-Omerga	IntraState	10/05/2018	19.15	10/05/2018	21.30	T	R PH CC Burst.