

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jun/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.818	662.832	1) Gujrat	-6.532	-30.741
2) Hydro	5.278	36.639	2) Madhya Pradesh	9.973	42.524
3) Gas	9.526	46.268	3) Chattisgarh	6.380	31.090
Total MSPGCL	142.622	745.739	4) Maharashtra Net	129.355	626.710
B) 1) APML	40.752	221.158	5) Goa (Amona)	-0.066	-0.418
2) JSWEL	25.381	128.697	Total	139.110	669.165
3) VIPL	9.382	49.424	a) Mumbai Schedule	33.688	162.712
4) RPL(AMT)	16.819	86.727	b) Mumbai Drawl	32.703	156.365
5) WPCL	5.159	26.420	c) MSEDCL Bilateral *	42.154	232.271
6) PGPL	0.000	0.000	Include PX	7.971	62.736
7) Other IPP	13.051	67.577	d) Mumbai Bilateral *	33.688	161.277
C) 1) TPCL Thermal	15.708	84.250	Include PX	9.789	44.359
2) TPCL Hydro	3.986	25.112	Include Standby	0.000	1.436
3) TPCL Gas	3.561	18.761	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.928	58.458	1) MSEDCL	386.116	1952.688
D) STATE			2) Mumbai Discoms	66.886	342.947
1) Thermal	264.998	1385.543	TOTAL STATE	453.002	2295.635
(A1+C1+C4+(B1-B6))					
2) Hydro	9.264	61.751			
(A2+C2)					
3) Gas	13.087	65.029			
(A3+B6+C3)					
4) Wind	21.031	89.061			
6) SOLAR	5.512	25.085			
TOTAL STATE	313.892	1626.469			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5205	5543	5593	5049
MSPGCL Hydro	144	512	140	72
MSPGCL Gas	384	375	387	423
MSPGCL Total Generation	5734	6430	6120	5544
Central Sector Receipt	6257	7097	5669	5099
WIND	834	441	1113	1018
CPP / IPP Thermal	4411	4899	4715	4408
CPP / IPP Gas	0	0	0	0
SOLAR	696	518	31	0
Exchange with Mumbai	-1539	-1573	-1356	-1080
MSEDCL DEMAND MET	16392	17812	16292	14990
Load Shedding	0	0	0	0
MSEDCL DEMAND	16392	17812	16292	14990
TPCL GENERATION	1149	1279	1172	648
R-INFRA GENERATION	495	498	498	375
MUMBAI DEMAND	3183	3350	3026	2103
STATE DEMAND MET	19576	21162	19318	17092
STATE DEMAND	19576	21162	19318	17092
Frequency (Hz)	49.95	49.92	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.77 Hz at 15.29 Hrs	49.96	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 05/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.64	17.87	160	140
Unit 8	0.00	24.11	0	0
Unit 9	7.44	35.01	431	235
Unit 10	7.10	34.19	355	230
Total	18.17	111.17		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.41	51.38	480	370
Unit 5	10.55	51.53	500	350
Total	20.96	102.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.30	23.91	249	187
Unit 7	5.05	23.38	248	187
Unit 8	4.88	14.16	238	183
Total	15.23	61.45		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.92	54.93	471	365
Unit 6	0.00	0.00	0	0
Unit 7	10.16	51.84	454	367
Unit 8	8.11	44.05	362	312
Unit 9	6.86	38.49	299	261
Total	36.06	189.31		
Paras				
Unit 3	5.57	27.86	250	192
Unit 4	5.63	27.95	250	190
Total	11.20	55.82		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	3.23	14.66	145	115
Unit 3	3.35	16.91	158	126
Unit 4	3.26	16.51	142	130
Unit 5	7.94	47.06	342	325
Total	17.78	101.92		
Nasik				
Unit 3	4.23	22.44	193	162
Unit 4	0.00	0.13	0	0
Unit 5	4.19	17.68	190	158
Total	8.42	40.25		
Uran				
All Units	9.53	46.27	424	364
Total	9.53	46.27		
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	0.31	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.31		
Koyna				
Stage 1-2	3.32	15.58	435	40
Stage 4	0.00	6.17	0	0
Stage 3	0.53	4.60	100	0
Total	3.85	26.35		
Hydro				
KDPH	0.32	1.90	14	14
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	1.49	80	0
RNGR+BHTSA	0.24	1.24	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	2.01	19	9
GHATGHAR	0.34	3.64	125	0
Total	1.43	10.29		
Wind				
Total	21.03	89.06	0	0
Total	21.03	89.06		
CPP				
APML(Mus)	40.75	221.16	0	0
JSWEL(Mus)	25.38	128.70	0	0
VIPL(Mus)	9.38	49.42	0	0
RPLAMT(Mus)	16.82	86.73	0	0
WPCL(Mus)	5.16	26.42	0	0
Other(Mus)	13.05	67.58	0	0
Total	110.54	580.00		
SOLAR				
Total	5.51	25.08	0	0
Total	5.51	25.08		
Tata				
Trombay 5	10.24	56.13	486	318
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	11.70	115	62
Trombay 7B	1.36	7.06	66	48
Trombay 8	5.47	28.12	242	212
TATA Hydro	3.99	25.11	376	7
Total	23.26	128.12		
R-INFRA				
DTPS U-1&2	10.93	58.46	500	375
Total	10.93	58.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.82	662.83	MSPGCL Total	142.62	745.74
			MSPGCL Thml+Gas	137.34	709.10	Koyna 1,2 & 4 Total	3.32	21.75
			MSPGCL Hydro	5.28	36.64	State Total	313.89	1626.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	5228	72	414	5714	1419	4799	0	0	5189	5100	-1105	15928	0	15928	2431	18358	49.91
2	5222	78	422	5722	1297	4701	0	0	5101	5183	-1219	15684	0	15684	2336	18020	49.95
3	5043	128	413	5584	1230	4497	0	0	4823	5092	-1207	15196	0	15196	2232	17428	49.96
4	5015	82	414	5512	1098	4413	0	0	4791	5111	-1118	15016	0	15016	2144	17160	49.98
5	5049	72	423	5544	1018	4408	0	0	4789	5099	-1080	14990	0	14990	2103	17092	49.96
6	5140	72	402	5614	820	4414	0	0	5342	5358	-1111	15096	0	15096	2135	17230	49.93
7	5249	78	413	5740	939	4410	0	38	5699	5631	-1187	15570	0	15570	2213	17784	49.96
8	5468	72	424	5964	902	4344	0	171	5372	5557	-1279	15660	0	15660	2348	18008	49.99
9	5342	82	412	5836	937	4383	0	302	5510	5430	-1424	15464	0	15464	2622	18086	49.99
10	5199	86	408	5692	856	4380	0	456	5699	5671	-1472	15584	0	15584	2917	18500	50.00
11	5488	162	402	6052	862	4392	0	557	5935	5637	-1441	16060	0	16060	3087	19146	50.02
12	5205	144	384	5734	834	4411	0	696	6360	6257	-1539	16392	0	16392	3183	19576	49.95
13	4930	228	389	5546	585	4276	0	733	6863	6980	-1486	16634	0	16634	3196	19830	49.93
14	5135	368	375	5878	397	4348	0	769	6770	7009	-1493	16908	0	16908	3140	20048	49.98
15	5577	272	373	6222	357	4681	0	693	7048	7103	-1504	17552	0	17552	3225	20778	49.94
16	5543	512	375	6430	441	4899	0	518	7149	7097	-1573	17812	0	17812	3350	21162	49.92
17	5505	514	386	6404	626	4887	0	375	6825	6645	-1581	17356	0	17356	3281	20638	49.92
18	5553	184	382	6118	806	4863	0	171	5818	6129	-1473	16614	0	16614	3182	19796	49.98
19	5593	140	387	6120	1113	4715	0	31	5302	5669	-1356	16292	0	16292	3026	19318	50.00
20	5523	444	396	6364	1187	4753	0	2	5206	5211	-1295	16222	0	16222	3001	19222	49.88
21	5488	388	400	6276	1116	4913	0	0	5298	5248	-1334	16218	0	16218	2949	19168	49.94
22	5459	254	394	6108	906	4910	0	0	5366	5468	-1424	15968	0	15968	2897	18864	50.00
23	5432	274	374	6080	726	4867	0	0	5521	5695	-1477	15892	0	15892	2928	18820	50.00
24	5432	570	364	6366	559	4880	0	0	5634	5730	-1525	16010	0	16010	2960	18970	50.02
MUs	127.82	5.28	9.53	142.62	21.03	110.54	0.00	5.51	137.41	139.11	-32.70	386.12	0.00	386.12	66.89	453.00	49.96

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 05/Jun/2018

Position as on 6.30 Hrs of 06/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.	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	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.	
MSPGCL	Koradi Unit-8	660	04/06/2018	18.15		Continued.	abnormal combustion.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 06/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 II	InterState	04/06/2018	17.31	05/06/2018	08.12	HT	to control overvoltage.
Padgha - Boisar (PG)	InterState	05/06/2018	16.07	05/06/2018	19.04	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	05/06/2018	18.22		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	06/06/2018	03.35	06/06/2018	06.38	T	L/R PROTECTION OPERATED AT BHILAI 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)
New Koyana - Dabhol-I	IntraState	04/06/2018	08.44	05/06/2018	08.32	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	04/06/2018	19.42	05/06/2018	06.53	HT	Over Voltage
Taptitanda Waluj	IntraState	05/06/2018	08.14	05/06/2018	19.40	PO	replacement of faulty string insulator of phase dtn tower at loc no 509
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
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.
Wardha Deoli (Pg)	InterState	05/06/2018	16.40	06/06/2018	00.49	T	Distance Protection
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.
Chalisingaon -Babhaleshwar	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection,tower collapsed.
GIS Bhandup - Borivali	IntraState	04/06/2018	09.28	05/06/2018	09.18	HT	from borivali end to control kalwa icts loading (220kv mulund-bhandup I/I).
Bhugaon- Wardha	IntraState	04/06/2018	18.34	05/06/2018	11.05	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	04/06/2018	22.05	05/06/2018	16.22	T	Distance Protection
Sawantwadi-Bidri	IntraState	05/06/2018	09.05	05/06/2018	12.20	PO	Disc Insulator Replacement Work
Karad(400kv) -Nigade	IntraState	05/06/2018	09.40	05/06/2018	14.25	PO	Disc Insulator Replacement Work
Wardha-Dhamangaon	IntraState	05/06/2018	09.59	05/06/2018	12.31	PO	Line Maintenance work

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 05/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 06/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Abhijeet-Wardha-I	IntraState	05/06/2018	11.05	05/06/2018	12.49	PO	Testing Work
satara MIDC- Malharpeth	IntraState	05/06/2018	11.27	05/06/2018	14.08	PO	Testing Work
Pusad - Hingoli	IntraState	05/06/2018	11.57	05/06/2018	14.46	PO	Attending Hot Spot
Oni Kharepatan Line	IntraState	05/06/2018	14.30		Continued.	T	Distance Protection
Nigade- Peth Line	IntraState	05/06/2018	14.33	05/06/2018	16.33	PO	signature analysis work.
Ambazari-Amravati	IntraState	05/06/2018	15.24	05/06/2018	15.38	T	Distance Protection
Mudshingi-Wathar	IntraState	05/06/2018	16.15	05/06/2018	17.20	PO	b phase Ia replacement.
Boisar(M) - Ghodbunder	IntraState	05/06/2018	16.36	06/06/2018	00.15	T	Distance Protection
Koradi - Kawlewada II	IntraState	05/06/2018	16.48	05/06/2018	18.41	T	Distance Protection
Gadchandur - Virur-I	IntraState	05/06/2018	17.20	05/06/2018	20.12	PO	NEW C.B. TRAILS.
Lonikand-II- Kathapur	IntraState	06/06/2018	03.44	06/06/2018	03.50	T	TRIPPED ONLY KATHAPUR END.
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)
220/33kv 125 Mva Transformer 2 @Gorai R/S	IntraState	27/05/2018	09.03		Continued.	T	WHILE CHANGEVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
220/132 kv 200MVA ICT II @ Akola	IntraState	04/06/2018	16.38		Continued.	PO	OIL FILTRATION WORK.
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	05/06/2018	09.04	05/06/2018	22.18	PO	FOR OVERHAULING AND CONTROL CABLE REPLACEMENT WORK FOR FIRE PROTECTCION SYSTEM.
220/132 KV 200MVA ICT I @ Kanhan	IntraState	05/06/2018	09.34	05/06/2018	10.25	PO	TO REMOVE ALUMINIUM WIR ON LV SIDE.
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	05/06/2018	10.02	05/06/2018	12.45	PO	Routine Maintenance Work
220/100 kv 200 MVA ICT II @Padghe	IntraState	05/06/2018	10.38	05/06/2018	11.29	PO	pre monsoon maintenance work.
220/132 kv 200 MVA ICT- I @ Nanded	IntraState	05/06/2018	10.46	05/06/2018	12.32	PO	Attending Hot Spot
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	05/06/2018	11.31	05/06/2018	13.23	PO	pre monsoon maintenance work.
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	05/06/2018	13.36	05/06/2018	17.38	PO	PREMANSOON MAINTAINENCE WORK.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	05/06/2018	15.32	05/06/2018	17.17	PO	pre monsoon maintenance work.
220/132 kv 100 MVA ICT II@Malegaon	IntraState	05/06/2018	15.50	05/06/2018	16.55	PO	TO CHECK PHASE OUT.
132 KV LINE Outages/Trippings							
Akot - Hiwarkhed	IntraState	05/06/2018	05.26	05/06/2018	05.35	T	Distance Protection
Gangakhed- Sonpeth Ckt-I	IntraState	05/06/2018	06.40	05/06/2018	07.05	T	Distance Protection
Bhugaon - Deoli	IntraState	05/06/2018	16.42	05/06/2018	23.43	T	Distance Protection

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