

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jun/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.487	617.720	1) Gujrat	-2.223	-2.659
2) Hydro	4.781	29.811	2) Madhya Pradesh	8.868	48.310
3) Gas	10.373	40.122	3) Chattisgarh	5.390	26.530
Total MSPGCL	165.641	687.653	4) Maharashtra Net	94.006	445.640
B) 1) APML	40.839	171.377	5) Goa (Amona)	-0.374	-1.804
2) JSWEL	15.847	63.691	Total	105.667	516.017
3) VIPL	5.071	25.894	a) Mumbai Schedule	23.285	118.391
4) RPL(AMT)	13.854	57.170	b) Mumbai Drawl	31.867	132.427
5) WPCL	2.483	9.625	c) MSEDCL Bilateral *	37.255	138.392
6) PGPL	0.000	0.000	Include PX	19.971	64.279
7) Other IPP	3.056	12.479	d) Mumbai Bilateral *	23.285	118.391
C) 1) TPCL Thermal	12.730	62.378	Include PX	8.668	40.473
2) TPCL Hydro	1.059	14.069	Include Standby	0.000	0.000
3) TPCL Gas	4.342	17.450	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.327	43.227	1) MSEDCL	344.000	1478.372
D) STATE			2) Mumbai Discoms	59.325	269.551
1) Thermal	253.694	1063.561	TOTAL STATE	403.325	1747.923
(A1+C1+C4+(B1-B6))					
2) Hydro	5.840	43.880			
(A2+C2)					
3) Gas	14.715	57.572			
(A3+B6+C3)					
4) Wind	21.878	61.138			
6) SOLAR	1.531	5.755			
TOTAL STATE	297.658	1231.906			

* 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 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	6153	6196	6226	6316
MSPGCL Hydro	177	250	424	55
MSPGCL Gas	422	422	428	443
MSPGCL Total Generation	6752	6868	7078	6814
Central Sector Receipt	5174	5735	4100	3799
WIND	572	1052	1362	459
CPP / IPP Thermal	3271	3455	3452	3271
CPP / IPP Gas	0	0	0	0
SOLAR	207	132	0	47
Exchange with Mumbai	-1340	-1493	-1377	-1069
MSEDCL DEMAND MET	14636	15749	14615	13321
Load Shedding	0	0	0	0
MSEDCL DEMAND	14636	15749	14615	13321
TPCL GENERATION	699	734	931	699
R-INFRA GENERATION	388	388	389	389
MUMBAI DEMAND	2427	2615	2697	2157
STATE DEMAND MET	17063	18364	17312	15478
STATE DEMAND	17063	18364	17312	15478
Frequency (Hz)	49.93	49.97	49.89	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 07.01 Hrs	49.72 Hz at 00.09 Hrs	49.95	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 04/Jun/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.51	5.29	155	130
Unit 8	7.63	30.79	343	295
Unit 9	10.87	35.22	475	396
Unit 10	8.08	29.97	380	250
Total	30.08	101.27		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	16.60	165	160
Unit 4	8.94	40.50	410	365
Unit 5	8.94	39.90	480	360
Total	21.82	97.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.97	21.79	250	197
Unit 7	4.95	21.72	248	198
Unit 8	0.00	0.00	0	0
Total	9.92	43.51		
Chandrapur				
Unit 3	4.03	15.95	174	163
Unit 4	4.20	17.64	180	170
Unit 5	8.79	35.53	405	350
Unit 6	8.91	38.19	397	360
Unit 7	8.76	38.66	382	355
Unit 8	7.67	34.90	360	250
Unit 9	8.74	35.71	433	342
Total	51.09	216.57		
Paras				
Unit 3	4.59	18.89	201	181
Unit 4	4.64	18.89	206	167
Total	9.22	37.78		
Khaparkheda				
Unit 1	3.19	12.43	155	115
Unit 2	3.52	13.72	160	115
Unit 3	3.55	13.22	155	136
Unit 4	0.17	5.71	88	0
Unit 5	9.37	41.00	446	380
Total	19.80	86.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	17.82	206	162
Unit 5	4.27	17.68	199	164
Total	8.55	35.50		
Uran				
All Units	10.37	40.12	454	419
Total	10.37	40.12		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.18	0	0
Total	0.00	0.18		
Koyna				
Stage 1-2	2.42	13.40	355	40
Stage 4	0.06	3.37	56	0
Stage 3	0.54	3.99	82	0
Total	3.02	20.76		
Hydro				
KDPH	0.00	1.30	0	0
VTRNA	0.66	2.26	61	0
TILLARI	0.29	0.38	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.08	57	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.22	0.92	10	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	0.33	6	5
GHATGHAR	0.27	2.56	125	0
Total	1.76	9.05		
Wind				
Total	21.88	61.14	0	0
Total	21.88	61.14		
CPP				
APML(Mus)	40.84	171.38	0	0
JSWEL(Mus)	15.85	63.69	0	0
VIPL(Mus)	5.07	25.89	0	0
RPLAMT(Mus)	13.85	57.17	0	0
WPCL(Mus)	2.48	9.62	0	0
Other(Mus)	3.06	12.48	0	0
Total	81.15	340.24		
SOLAR				
Total	1.53	5.76	0	0
Total	1.53	5.76		
Tata				
Trombay 5	7.82	40.53	429	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	11.24	120	114
Trombay 7B	1.55	6.21	66	64
Trombay 8	4.91	21.84	235	199
TATA Hydro	1.06	14.07	210	0
Total	18.13	93.90		
R-INFRA				
DTPS U-1&2	9.33	43.23	390	388
Total	9.33	43.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.49	617.72	MSPGCL Total	165.64	687.65
			MSPGCL Thml+Gas	160.86	657.84	Koyna 1,2 & 4 Total	2.48	16.77
			MSPGCL Hydro	4.78	29.81	State Total	297.66	1231.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Jun/2017

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	6171	232	440	6843	560	3338	0	0	4642	4565	-1670	13636	0	13636	2767	16403	49.88
2	6196	351	442	6989	516	3336	0	0	4444	4548	-1507	13882	0	13882	2595	16477	49.97
3	6265	201	432	6898	637	3375	0	0	4321	4070	-1364	13616	0	13616	2451	16067	49.98
4	6267	69	442	6778	589	3397	0	0	4223	4292	-1246	13810	0	13810	2333	16143	49.89
5	6261	60	433	6754	427	3396	0	0	3909	4080	-1180	13477	0	13477	2271	15748	49.90
6	6281	55	454	6790	370	3272	0	0	4952	4529	-1181	13780	0	13780	2270	16050	49.99
7	6283	55	432	6770	372	3278	0	14	5105	4475	-1084	13825	0	13825	2179	16004	49.98
8	6316	55	443	6814	459	3271	0	47	5349	3799	-1069	13321	0	13321	2157	15478	50.05
9	6305	140	441	6886	698	3265	0	94	4402	3800	-1107	13636	0	13636	2195	15831	50.03
10	6264	236	436	6936	665	3264	0	158	3695	3849	-1184	13688	0	13688	2272	15960	49.98
11	6239	226	422	6887	668	3268	0	190	4326	4466	-1250	14229	0	14229	2341	16570	49.95
12	6153	177	422	6752	572	3271	0	207	5191	5174	-1340	14636	0	14636	2427	17063	49.93
13	6167	167	419	6753	563	3286	0	201	5234	5351	-1387	14767	0	14767	2474	17241	49.92
14	6157	115	420	6692	725	3469	0	188	5308	5618	-1397	15295	0	15295	2482	17777	49.94
15	6193	210	420	6823	881	3468	0	171	5574	5699	-1407	15635	0	15635	2535	18170	49.91
16	6196	250	422	6868	1052	3455	0	132	5621	5735	-1493	15749	0	15749	2615	18364	49.97
17	6281	144	423	6848	1467	3491	0	75	4733	4534	-1431	14984	0	14984	2554	17538	49.97
18	6297	115	434	6846	1668	3488	0	43	3932	3587	-1274	14358	0	14358	2508	16866	49.99
19	6295	115	427	6837	1825	3457	0	11	3261	3096	-1173	14053	0	14053	2410	16463	50.00
20	6310	343	425	7078	1738	3449	0	0	2961	3148	-1237	14176	0	14176	2503	16679	49.89
21	6244	268	438	6950	1562	3454	0	0	3549	3610	-1376	14200	0	14200	2611	16811	49.90
22	6226	424	428	7078	1362	3452	0	0	3733	4100	-1377	14615	0	14615	2697	17312	49.89
23	6351	509	438	7298	1215	3471	0	0	4276	4777	-1492	15269	0	15269	2780	18049	49.84
24	6769	264	440	7473	1287	3480	0	0	5001	4765	-1641	15364	0	15364	2898	18262	49.94
MUs	150.49	4.78	10.37	165.64	21.88	81.15	0.00	1.53	107.74	105.67	-31.87	344.00	0.00	344.00	59.33	403.33	49.95

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 04/Jun/2017

Position as on 6.30 Hrs of 05/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	EARTH FAULT PROTECTION STAGE 1 OPERATED.	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	29/05/2017	23.51		Continued.	to gas formation in g.t.	
MSPGCL	Parli Unit 8	250	31/05/2017	21.56		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 4	210	02/06/2017	18.23	04/06/2017	21.49	To poor bunkering.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 05/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	03/06/2017	17.11	04/06/2017	23.31	PO	To Attend SF6 Gas Leakage,Load Will Be Restricted To 950 MW.
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	02/06/2017	21.16		Continued.	T	Over Voltage
Dabhol Nagothane II	InterState	04/06/2017	08.04	04/06/2017	20.18	PO	TREE CUTTING WORK
Ektuni-Bableshtar ckt I	IntraState	02/06/2017	20.30		Continued.	HT	controlling 400kv padgha bableshtar line loading.
Nagothane - Dabhol-II	IntraState	03/06/2017	07.59	04/06/2017	00.19	PO	Insulator Replacement.
Khadka-Aurangabad (Waluj)	IntraState	03/06/2017	19.07		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	03/06/2017	20.25	04/06/2017	20.12	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt I	IntraState	03/06/2017	20.36	04/06/2017	20.00	T	Distance Protection
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	04/06/2017	10.11	04/06/2017	12.07	EO	EMERGENCY H/T DUE TO HEAVY SPARKING ONN ISOLATOR I/S VIA TBC
Padghe - Kalwa-II	IntraState	04/06/2017	16.28	04/06/2017	23.26	PO	ATTENDING DECAPPING WORK LOC1032
Padghe - Kalwa- I	IntraState	05/06/2017	05.14		Continued.	EO	To Attend decapped insulator string work
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	04/06/2017	13.55	04/06/2017	14.14	PO	OUTAGE FOR REMOVING AIR
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.
Vasai Boiser(PG)	InterState	03/06/2017	20.36	04/06/2017	18.59	T	Distance Protection
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-PGPL	IntraState	30/05/2017	13.14		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Kharghar - Tss Panvel	IntraState	30/05/2017	13.54		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Bableshtar- Bableshtar-II	IntraState	03/06/2017	19.45	04/06/2017	02.12	T	Distance Protection Y ph Fault
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	04/06/2017	00.36	04/06/2017	08.23	T	Distance Protection,Conductor Snapped @ Nasik Yard.
Nashik-Airoli Knowledge Park	IntraState	04/06/2017	03.52	04/06/2017	08.30	HT	To Control Line Loading of Nsk-Bblsr-1.
Kalwa-Salsette-IV	IntraState	04/06/2017	10.50	04/06/2017	16.40	PO	TREE TRIMMING WORK
Loteparshuram- Dasturi Line	IntraState	04/06/2017	12.18	04/06/2017	21.38	T	LINE IS CHARGED FROM DASTURI END ONLY
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Warora - Hinganghat	IntraState	04/06/2017	20.01	04/06/2017	20.29	T	R PH.
Ongc Uran - Jnpt	IntraState	05/06/2017	05.23		Continued.	PO	Line Maintenance work
Mahad - Pedambe	IntraState	05/06/2017	06.22		Continued.	PO	Line Maintenance work
New Koyna - Pedambe	IntraState	05/06/2017	06.28		Continued.	PO	Line Maintenance work
Pophli Pedhmbe Line- 1	IntraState	05/06/2017	06.40		Continued.	PO	Line Maintenance work
220 KV ICT Outages/Trippings							

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 04/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 05/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	03/06/2017	08.24		Continued.	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Padegaon - Sawangi	IntraState	03/06/2017	19.35		Continued.	T	Distance Protection
Girwali-Renapur-Ahamadpur	IntraState	04/06/2017	02.09	04/06/2017	02.23	T	Distance Protection
Gorakshan Tap On Akola-Paras Ckt-I	IntraState	04/06/2017	06.15	04/06/2017	06.27	PO	backup O/C protection operated.
Elichpur - Hingoli	IntraState	04/06/2017	10.28	04/06/2017	13.52	T	Distance Protection
Ashti - Mul	IntraState	04/06/2017	19.29	04/06/2017	19.47	PO	Distance Protection

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