

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jun/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.975	401.072	1) Gujrat	-4.989	-16.857
2) Hydro	3.553	22.358	2) Madhya Pradesh	7.410	23.232
3) Gas	9.891	26.755	3) Chattisgarh	5.850	18.080
Total MSPGCL	147.419	450.185	4) Maharashtra Net	122.570	370.801
B) 1) APML	42.495	139.413	5) Goa (Amona)	0.000	-0.264
2) JSWEL	23.818	77.296	Total	130.841	394.992
3) VIPL	10.049	30.175	a) Mumbai Schedule	29.842	95.769
4) RPL(AMT)	15.298	50.859	b) Mumbai Drawl	25.878	90.437
5) WPCL	4.917	15.988	c) MSEDCL Bilateral *	47.876	147.107
6) PGPL	0.000	0.000	Include PX	13.849	45.936
7) Other IPP	12.845	41.287	d) Mumbai Bilateral *	29.842	95.769
C) 1) TPCL Thermal	17.148	51.810	Include PX	9.244	26.651
2) TPCL Hydro	0.545	15.976	Include Standby	0.000	0.000
3) TPCL Gas	3.652	11.161	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.969	35.865	1) MSEDCL	384.089	1172.376
D) STATE			2) Mumbai Discoms	59.192	205.249
1) Thermal	272.514	843.765	TOTAL STATE	443.281	1377.625
(A1+C1+C4+(B1-B6))					
2) Hydro	4.098	38.334			
(A2+C2)					
3) Gas	13.543	37.916			
(A3+B6+C3)					
4) Wind	18.246	48.324			
6) SOLAR	4.039	14.294			
TOTAL STATE	312.440	982.633			

* 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 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5825	5607	5618	5501
MSPGCL Hydro	160	340	306	74
MSPGCL Gas	417	417	415	410
MSPGCL Total Generation	6402	6364	6338	5984
Central Sector Receipt	5565	6734	4967	5438
WIND	325	818	1433	241
CPP / IPP Thermal	4641	4394	4555	4473
CPP / IPP Gas	0	0	0	0
SOLAR	606	294	0	121
Exchange with Mumbai	-1095	-1271	-1105	-800
MSEDCL DEMAND MET	16444	17332	16188	15458
Load Shedding	0	0	0	0
MSEDCL DEMAND	16444	17332	16188	15458
TPCL GENERATION	874	902	984	841
R-INFRA GENERATION	497	498	498	500
MUMBAI DEMAND	2466	2671	2587	2141
STATE DEMAND MET	18910	20003	18775	17599
STATE DEMAND	18910	20003	18775	17599
Frequency (Hz)	49.98	50.03	49.96	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 08.43 Hrs	49.77 Hz at 19.44 Hrs	50.01	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 03/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.56	10.69	155	140
Unit 8	5.94	19.92	290	144
Unit 9	6.35	21.47	287	211
Unit 10	6.52	21.15	280	230
Total	22.38	73.23		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.63	30.32	465	360
Unit 5	9.88	30.39	470	365
Total	19.50	60.71		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.46	13.10	194	180
Unit 7	4.35	12.96	194	176
Unit 8	4.02	4.08	193	55
Total	12.83	30.14		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.05	32.89	470	395
Unit 6	0.00	0.00	0	0
Unit 7	10.68	31.41	455	400
Unit 8	9.07	26.99	394	360
Unit 9	8.69	23.53	383	348
Total	39.49	114.82		
Paras				
Unit 3	5.26	16.37	250	190
Unit 4	5.32	16.41	250	190
Total	10.58	32.78		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	3.35	8.21	145	125
Unit 3	3.28	10.37	144	125
Unit 4	3.27	10.10	143	125
Unit 5	10.16	30.77	480	370
Total	20.06	66.24		
Nasik				
Unit 3	4.66	13.80	198	191
Unit 4	0.00	0.13	0	0
Unit 5	4.48	9.23	193	172
Total	9.14	23.15		
Uran				
All Units	9.89	26.76	426	401
Total	9.89	26.76		
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)	0.02	0.27	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.27		
Koyna				
Stage 1-2	2.02	8.64	305	40
Stage 4	0.00	4.58	0	0
Stage 3	0.48	2.84	92	0
Total	2.50	16.06		
Hydro				
KDPH	0.32	1.25	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.	0.18	1.01	80	0
RNGR+BHTSA	0.25	0.75	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	0.98	22	10
GHATGHAR	0.00	2.31	0	0
Total	1.06	6.30		
Wind				
Total	18.25	48.32	0	0
Total	18.25	48.32		
CPP				
APML(Mus)	42.50	139.41	0	0
JSWEL(Mus)	23.82	77.30	0	0
VIPL(Mus)	10.05	30.18	0	0
RPLAMT(Mus)	15.30	50.86	0	0
WPCL(Mus)	4.92	15.99	0	0
Other(Mus)	12.84	41.29	0	0
Total	109.42	355.02		
SOLAR				
Total	4.04	14.29	0	0
Total	4.04	14.29		
Tata				
Trombay 5	11.57	34.74	488	445
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	6.95	115	72
Trombay 7B	1.39	4.21	65	51
Trombay 8	5.58	17.07	241	230
TATA Hydro	0.54	15.98	101	0
Total	21.34	78.95		
R-INFRA				
DTPS U-1&2	11.97	35.86	500	497
Total	11.97	35.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.98	401.07	MSPGCL Total	147.42	450.18
			MSPGCL Thml+Gas	143.87	427.83	Koyna 1,2 & 4 Total	2.02	13.22
			MSPGCL Hydro	3.55	22.36	State Total	312.44	982.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5624	74	410	6108	914	4947	0	0	4857	4924	-1274	15619	0	15619	2711	18330	50.01
2	5649	74	401	6124	738	4897	0	0	4786	4987	-1135	15610	0	15610	2498	18108	50.02
3	5662	78	401	6142	807	4781	0	0	5093	5084	-1067	15746	0	15746	2376	18122	49.98
4	5487	74	410	5970	763	4548	0	0	5153	5124	-945	15460	0	15460	2282	17742	50.01
5	5615	88	401	6104	611	4756	0	0	5093	4966	-907	15530	0	15530	2244	17774	50.04
6	5514	74	401	5988	629	4739	0	0	5655	5309	-919	15746	0	15746	2256	18002	50.02
7	5470	78	420	5968	395	4515	0	21	5765	5688	-830	15758	0	15758	2170	17928	50.04
8	5501	74	410	5984	241	4473	0	121	5727	5438	-800	15458	0	15458	2141	17599	50.07
9	5530	78	420	6028	294	4501	0	283	5338	5311	-862	15556	0	15556	2202	17758	50.14
10	5532	88	426	6046	381	4467	0	412	5287	5079	-933	15452	0	15452	2276	17728	50.02
11	5599	84	407	6090	201	4462	0	488	5360	5387	-1026	15602	0	15602	2395	17997	49.98
12	5825	160	417	6402	325	4641	0	606	5561	5565	-1095	16444	0	16444	2466	18910	49.98
13	5747	154	417	6318	550	4551	0	603	6333	5858	-1161	16718	0	16718	2533	19251	49.99
14	5552	102	418	6072	588	4386	0	497	6508	6413	-1153	16803	0	16803	2543	19346	50.02
15	5510	278	418	6206	602	4413	0	371	6770	6801	-1182	17212	0	17212	2615	19827	49.96
16	5607	340	417	6364	818	4394	0	294	6799	6734	-1271	17332	0	17332	2671	20003	50.03
17	5641	120	417	6178	1187	4420	0	211	6643	6054	-1161	16889	0	16889	2558	19447	50.05
18	5253	76	414	5742	1391	4366	0	109	5513	5341	-1029	15921	0	15921	2428	18349	50.05
19	5352	318	406	6076	1385	4389	0	23	4602	4817	-970	15721	0	15721	2366	18087	50.01
20	5643	188	416	6248	1491	4445	0	0	4816	5044	-1003	16224	0	16224	2458	18682	49.91
21	5618	306	415	6338	1433	4555	0	0	4870	4967	-1105	16188	0	16188	2587	18775	49.96
22	5636	166	404	6206	975	4531	0	0	4940	4968	-1210	15470	0	15470	2699	18169	49.98
23	5682	160	412	6254	827	4529	0	0	5145	5453	-1328	15736	0	15736	2775	18511	49.95
24	5726	320	413	6460	700	4715	0	0	5346	5529	-1512	15892	0	15892	2942	18834	50.00
MUs	133.98	3.55	9.89	147.42	18.25	109.42	0.00	4.04	131.96	130.84	-25.88	384.09	0.00	384.09	59.19	443.28	50.01

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 03/Jun/2018

Position as on 6.30 Hrs of 04/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	
MSPGCL	Khaparkheda Unit 1	210	02/06/2018	23.57		Continued.	Poor coal receipt.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 04/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.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	03/06/2018	15.49	03/06/2018	17.11	PO	for attending pole 2 base filter work.
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
Dabhol Nagothane I	InterState	03/06/2018	20.34	03/06/2018	20.50	T	Distance Protection
Padghe - Kalwa - I	IntraState	01/06/2018	01.42	03/06/2018	14.55	HT	Handtrip due to Fire at kalwa
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Padghe - Nagothane - I	IntraState	01/06/2018	17.51	03/06/2018	10.07	T	Distance Protection R-Ph.
Deepnagar - Aurangabad	IntraState	02/06/2018	13.02	02/06/2018	Continued.	PO	Line Maintenance work
Deepnagar - Aurangabad	IntraState	03/06/2018	10.44	03/06/2018	16.54	T	Distance Protection
Bus Coupler @ Kalwa	IntraState	03/06/2018	15.00	03/06/2018	21.07	PO	for attending control cable laying work of bus coupler.
400 KV ICT Outages/Trippings							
400/11.5 KV 80 MVA Stn T/F - I @ Chandrapur	InterState	29/05/2018	10.44		Continued.	PO	PAINTING WORK.
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 500 MVA ICT III @ Jejuri	IntraState	30/05/2018	10.11		Continued.	PO	commissioning of 408 main bay
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	01/06/2018	01.30	03/06/2018	13.42	HT	Hand Trip due to spreading of Fire
500MVA ICT III @ Dhule	IntraState	02/06/2018	19.06	04/06/2018	01.19	PO	Premonsoon maintenance work.
400/220 KV 500MVA ICT II @ Nanded	IntraState	03/06/2018	09.30	03/06/2018	18.17	PO	to replacement b-ph unit hv bushing due to its high tan delta value.
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.
Badnera - Deoli (PG)	InterState	01/06/2018	14.30	03/06/2018	19.54	HT	by wrldc instruction to control od.
Borivali - Tarapur	InterState	03/06/2018	18.45	03/06/2018	20.50	EO	Attending Hot Spot
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.
Kalwa - Mulund 1	IntraState	01/06/2018	01.42	03/06/2018	21.20	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.
Kalwa - Mulund 2	IntraState	01/06/2018	09.36	03/06/2018	21.35	HT	Load Shifting From Kalwa To Borivali.

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 03/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 04/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Kalwa - Taloja	IntraState	01/06/2018	12.44	03/06/2018	22.48	HT	Temghar Line Overloading
Chalisgaon -Babhaleshwar	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection,tower collapsed.
Butibori - Khaperkheda	IntraState	02/06/2018	18.24	03/06/2018	03.28	PO	Reconnection of disconnected earthing from BPH LA.
Bhambori Amalner	IntraState	02/06/2018	21.02	03/06/2018	03.31	T	Distance Protection
Miraj - Mhaishal	IntraState	03/06/2018	12.20	03/06/2018	16.05	HT	to control I/I on ichalkaranji.
Dahanu Versova	IntraState	03/06/2018	15.01	03/06/2018	17.29	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	03/06/2018	16.16	03/06/2018	16.48	T	Bus Bar Protection Operated
Butibori - Butibori I	IntraState	03/06/2018	18.18	04/06/2018	02.45	PO	Replacement b-ph ct.
Pedhambe - Oni	IntraState	03/06/2018	19.14	03/06/2018	21.30	T	Distance Protection
Adlabs - Pedambe	IntraState	03/06/2018	20.29	03/06/2018	22.20	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)
220/33kv 125 Mva Transformer 2 @Gorai R/S	IntraState	27/05/2018	09.03		Continued.	T	WHILE CHANGEOVER 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.
220/100 Kv 200 MVA ICT I @Apta	IntraState	03/06/2018	09.40	03/06/2018	10.34	EO	to cover vital parts with polythene sheet.
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	03/06/2018	10.40	03/06/2018	11.30	EO	to cover vital parts with polythene sheet.
220/100 kv 200 MVA ICT III @Apta	IntraState	03/06/2018	11.40	03/06/2018	12.53	EO	to cover vital parts with polythene sheet.
220/100 Kv 200 MVA ICT IV @Apta	IntraState	03/06/2018	16.00	03/06/2018	17.04	EO	to cover vitalparts with polythene sheet.
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	03/06/2018	16.16	03/06/2018	17.45	T	Bus Bar Protection Operated
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	03/06/2018	16.16	03/06/2018	16.43	T	Bus Bar Protection Operated
220/132 kv 200MVA ICT II @ Girwali	IntraState	03/06/2018	16.16	03/06/2018	16.47	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Dhule(220kv) - Dhule(132 Kv) 1	IntraState	03/06/2018	05.24	03/06/2018	06.33	T	without indication rainfall reported.
Shahada-Taloda	IntraState	03/06/2018	05.26	03/06/2018	11.14	T	Distance Protection
Girwali-Yedeshwari	IntraState	03/06/2018	16.16	03/06/2018	16.49	T	Bus Bar Protection Operated
Parli 2(Girwali) - Latur Midc	IntraState	03/06/2018	16.16	03/06/2018	16.49	T	Bus Bar Protection Operated
Parli 1 - Parli 2(Girwali) Ckt - I	IntraState	03/06/2018	16.16	03/06/2018	16.48	T	Bus Bar Protection Operated
Kaulewada-Madgi-I	IntraState	03/06/2018	17.20	03/06/2018	17.25	T	at madgi only,r-ph,1.6ka,b-ph,1.5ka,40.39km,22.
Kaulewada-Gondia-I	IntraState	03/06/2018	17.20	03/06/2018	17.45	T	at kaulewada end only,5ka,b-ph,2.8km.
Kaulewada-Kachewanirlytss1	IntraState	03/06/2018	17.20	03/06/2018	17.58	T	r-ph,5ka,3km.

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