

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jun/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.942	535.014	1) Gujrat	-7.352	-24.209
2) Hydro	9.003	31.361	2) Madhya Pradesh	9.319	32.551
3) Gas	9.987	36.742	3) Chattisgarh	6.630	24.710
Total MSPGCL	152.932	603.117	4) Maharashtra Net	126.554	497.355
B) 1) APML	40.993	180.406	5) Goa (Amona)	-0.088	-0.352
2) JSWEL	26.020	103.316	Total	135.063	530.055
3) VIPL	9.867	40.042	a) Mumbai Schedule	33.255	129.024
4) RPL(AMT)	19.049	69.908	b) Mumbai Drawl	33.225	123.662
5) WPCL	5.273	21.261	c) MSEDCL Bilateral *	43.010	190.117
6) PGPL	0.000	0.000	Include PX	8.829	54.765
7) Other IPP	13.239	54.526	d) Mumbai Bilateral *	31.819	127.588
C) 1) TPCL Thermal	16.732	68.542	Include PX	7.920	34.570
2) TPCL Hydro	5.150	21.126	Include Standby	1.436	1.436
3) TPCL Gas	4.039	15.200	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.665	47.530	1) MSEDCL	394.196	1566.572
D) STATE			2) Mumbai Discoms	70.812	276.061
1) Thermal	276.780	1120.545	TOTAL STATE	465.008	1842.633
(A1+C1+C4+(B1-B6))					
2) Hydro	14.153	52.487			
(A2+C2)					
3) Gas	14.026	51.942			
(A3+B6+C3)					
4) Wind	19.706	68.030			
6) SOLAR	5.279	19.573			
TOTAL STATE	329.944	1312.577			

* 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 4 Hrs
MSPGCL Thermal	5665	5637	5378	5870
MSPGCL Hydro	476	882	874	102
MSPGCL Gas	415	432	427	403
MSPGCL Total Generation	6556	6952	6680	6376
Central Sector Receipt	6434	7490	5155	4391
WIND	526	517	1022	631
CPP / IPP Thermal	4884	4941	4775	4781
CPP / IPP Gas	0	0	0	0
SOLAR	707	457	23	0
Exchange with Mumbai	-1678	-1771	-1436	-1101
MSEDCL DEMAND MET	17428	18585	16219	15078
Load Shedding	0	0	0	0
MSEDCL DEMAND	17428	18585	16219	15078
TPCL GENERATION	1356	1353	1241	821
R-INFRA GENERATION	498	495	498	498
MUMBAI DEMAND	3532	3619	3175	2420
STATE DEMAND MET	20960	22204	19394	17498
STATE DEMAND	20960	22204	19394	17498
Frequency (Hz)	49.95	49.93	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 04.02 Hrs	49.67 Hz at 14.18 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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.54	14.23	160	120
Unit 8	4.18	24.11	275	0
Unit 9	6.10	27.57	282	148
Unit 10	5.94	27.09	280	200
Total	19.77	93.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.66	40.98	475	360
Unit 5	10.59	40.98	470	370
Total	21.24	81.96		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.50	18.60	245	185
Unit 7	5.37	18.33	245	187
Unit 8	5.20	9.28	240	182
Total	16.07	46.21		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.11	44.00	475	450
Unit 6	0.00	0.00	0	0
Unit 7	10.27	41.68	447	395
Unit 8	8.96	35.94	431	354
Unit 9	8.10	31.63	370	312
Total	38.44	153.25		
Paras				
Unit 3	5.92	22.29	255	200
Unit 4	5.91	22.32	250	190
Total	11.84	44.62		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	3.22	11.42	145	120
Unit 3	3.18	13.56	145	120
Unit 4	3.16	13.25	150	125
Unit 5	8.35	39.13	380	330
Total	17.91	84.15		
Nasik				
Unit 3	4.41	18.21	198	160
Unit 4	0.00	0.13	0	0
Unit 5	4.26	13.49	194	150
Total	8.67	31.83		
Uran				
All Units	9.99	36.74	444	402
Total	9.99	36.74		
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)	0.00	0.27	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.27		
Koyna				
Stage 1-2	3.62	12.26	450	40
Stage 4	1.59	6.17	500	0
Stage 3	1.23	4.07	160	0
Total	6.44	22.50		
Hydro				
KDPH	0.32	1.58	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.	0.25	1.25	80	0
RNGR+BHTSA	0.25	1.00	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.76	1.73	39	29
GHATGHAR	0.98	3.30	125	0
Total	2.56	8.86		
Wind				
Total	19.71	68.03	0	0
Total	19.71	68.03		
CPP				
APML(Mus)	40.99	180.41	0	0
JSWEL(Mus)	26.02	103.32	0	0
VIPL(Mus)	9.87	40.04	0	0
RPLAMT(Mus)	19.05	69.91	0	0
WPCL(Mus)	5.27	21.26	0	0
Other(Mus)	13.24	54.53	0	0
Total	114.44	469.46		
SOLAR				
Total	5.28	19.57	0	0
Total	5.28	19.57		
Tata				
Trombay 5	11.16	45.89	486	325
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	9.51	115	74
Trombay 7B	1.48	5.69	65	53
Trombay 8	5.58	22.65	242	222
TATA Hydro	5.15	21.13	459	6
Total	25.92	104.87		
R-INFRA				
DTPS U-1&2	11.66	47.53	500	377
Total	11.66	47.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.94	535.01	MSPGCL Total	152.93	603.12
			MSPGCL Thml+Gas	143.93	571.76	Koyna 1,2 & 4 Total	5.21	18.43
			MSPGCL Hydro	9.00	31.36	State Total	329.94	1312.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5877	432	402	6712	1064	4796	0	0	4817	5161	-1436	16297	0	16297	2888	19185	49.96
2	5868	368	413	6648	927	4792	0	0	4727	4791	-1257	15901	0	15901	2710	18611	49.98
3	5845	164	413	6422	925	4772	0	0	4619	4538	-1147	15509	0	15509	2544	18053	49.95
4	5870	102	403	6376	631	4781	0	0	4616	4391	-1101	15078	0	15078	2420	17498	49.96
5	5861	98	403	6362	773	4782	0	0	4748	4541	-1014	15443	0	15443	2387	17830	49.99
6	5698	98	402	6198	811	4617	0	1	5291	5198	-1023	15801	0	15801	2399	18200	49.95
7	5828	92	414	6334	514	4757	0	45	5509	5397	-964	16083	0	16083	2346	18429	49.94
8	5657	98	413	6168	672	4485	0	156	5344	5496	-1072	15904	0	15904	2455	18359	49.99
9	5644	92	403	6140	910	4620	0	324	5269	5450	-1274	16170	0	16170	2778	18948	49.99
10	5591	226	418	6234	671	4706	0	500	5525	5742	-1528	16325	0	16325	3159	19484	49.98
11	5633	540	417	6590	462	4876	0	636	5800	5874	-1620	16818	0	16818	3413	20231	49.96
12	5665	476	415	6556	526	4884	0	707	6418	6434	-1678	17428	0	17428	3532	20960	49.95
13	5642	338	421	6400	495	4834	0	699	6908	7127	-1678	17877	0	17877	3521	21398	49.99
14	5672	170	418	6260	536	4829	0	705	6938	7093	-1711	17711	0	17711	3557	21268	49.91
15	5595	560	420	6574	449	4850	0	585	6992	7557	-1745	18271	0	18271	3590	21861	49.85
16	5637	882	432	6952	517	4941	0	457	6963	7490	-1771	18585	0	18585	3619	22204	49.93
17	5656	1012	411	7080	597	5006	0	303	6830	6853	-1670	18169	0	18169	3510	21679	49.94
18	5636	970	435	7040	679	4794	0	138	5715	5943	-1598	16997	0	16997	3441	20438	49.99
19	5378	874	427	6680	1022	4775	0	23	5193	5155	-1436	16219	0	16219	3175	19394	49.99
20	5382	306	444	6132	1506	4896	0	0	5151	4671	-1407	15797	0	15797	3059	18856	49.95
21	4937	136	423	5496	1375	4548	0	0	4862	4788	-1286	14920	0	14920	2758	17678	49.93
22	4975	350	413	5738	1282	4490	0	0	4905	5016	-1359	15166	0	15166	2574	17740	49.90
23	5145	374	415	5934	1158	4692	0	0	5186	5272	-1261	15794	0	15794	2448	18242	49.86
24	5250	250	412	5912	1204	4918	0	0	5362	5085	-1189	15930	0	15930	2528	18458	49.87
MUs	133.94	9.00	9.99	152.93	19.71	114.44	0.00	5.28	133.69	135.06	-33.22	394.20	0.00	394.20	70.81	465.01	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/2018

Position as on 6.30 Hrs of 05/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
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.	
IPP	VIPL U-1	300	04/06/2018	17.29	04/06/2018	18.18	Low furnace pressure	
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 04/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 05/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	02/06/2018	20.40	04/06/2018	10.17	HT	Over Voltage
Talegaon(Pg) Padgha	InterState	04/06/2018	10.17		Continued.	PO	construction work of buckling of line.
Dhule Khandwa II	InterState	04/06/2018	12.49	04/06/2018	13.05	EO	Attending Oil Leakage
Dhule Sar'Sarovar II	InterState	04/06/2018	17.31		Continued.	HT	to control overvoltage.
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)
Taptitanda Waluj	IntraState	04/06/2018	08.11	04/06/2018	18.37	PO	faulty disc replacement of r,y and b-ph of dtn tower at loc-508.
New Koyna - Dabhol-I	IntraState	04/06/2018	08.44		Continued.	PO	Routine Maintenance Work
Main Bus I @ Akola	IntraState	04/06/2018	09.45	04/06/2018	19.41	PO	Isolator Maintenance Work.
Padghe - Kharghar	IntraState	04/06/2018	10.45		Continued.	PO	construction work of buckling of line.
karad -kolhapur-I	IntraState	04/06/2018	18.16	04/06/2018	23.34	EO	To attend LA jumper decapping.
Bhusawal-Aurangabad	IntraState	04/06/2018	19.42		Continued.	HT	Over Voltage
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 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
500MVA ICT III @ Dhule	IntraState	02/06/2018	19.06	04/06/2018	01.19	PO	Premonsoon maintenance work.
400/220/33 Kv 315 MVA ICT II @Chandrapur	IntraState	04/06/2018	13.19	04/06/2018	17.58	PO	checking healthiness.
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	04/06/2018	15.22	04/06/2018	16.05	HT	to control OD.
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 - 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.
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.
Chalishaon -Babhaleshwar	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection,tower collapsed.
Butibori - Butibori I	IntraState	03/06/2018	18.18	04/06/2018	02.45	PO	Replacement b-ph ct.

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/2018

Statement-VII

Position as on 6.30 Hrs of 05/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GIS Bhandup - Borivali	IntraState	04/06/2018	09.28		Continued.	HT	from borivali end to control kalwa icts loading (220kv mulund-bhandup I/I).
Pedhambe - Oni	IntraState	04/06/2018	09.36	04/06/2018	20.20	PO	Annual Maintenance Work
Talandge-Hamidwada	IntraState	04/06/2018	10.02	04/06/2018	23.34	EO	Attending Hot Spot
Balapur-Akola I	IntraState	04/06/2018	10.26	04/06/2018	11.29	HT	Sparking on bus ISO.
Sadawaghapur Karad Ckt 2	IntraState	04/06/2018	10.50	04/06/2018	14.50	EO	To attend Hot Spot
Kandalgaon - Pirangut	IntraState	04/06/2018	16.50	04/06/2018	18.36	T	Distance Protection
New Koyna - Niwali	IntraState	04/06/2018	17.32	04/06/2018	18.36	T	Backup Protection
Bhugaon- Wardha	IntraState	04/06/2018	18.34	04/06/2018	00.00	T	Distance Protection
Warora - Wardha	IntraState	04/06/2018	18.50	04/06/2018	19.30	T	Distance Protection
Kharghar - Tss Panvel	IntraState	04/06/2018	20.16	04/06/2018	21.30	T	Distance Protection
Bhugaon-WardhaPG (Deoli)	IntraState	04/06/2018	20.23		Continued.	HT	for conductor snag.
Koradi II - Kawlewada	IntraState	04/06/2018	20.52	04/06/2018	21.27	T	Distance Protection
Jejuri- Ismt- Lonand	IntraState	05/06/2018	00.03	05/06/2018	00.42	T	CT burst at ISMT S/S 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.
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	04/06/2018	09.06	04/06/2018	12.58	PO	pre monsoon maintenance work.
220/132KV 200MVA ICT II @Kurkumb	IntraState	04/06/2018	10.53	04/06/2018	19.40	PO	rph bushing replacement work.
220/132 KV ICT II @ Kopergaon	IntraState	04/06/2018	12.30	04/06/2018	12.50	PO	realignment of tilted radiators.
220/132 kV 200MVA ICT II @ Akola	IntraState	04/06/2018	16.38		Continued.	PO	Testing Work
132 KV LINE Outages/Trippings							
Amravati-Achalpur	IntraState	04/06/2018	14.04	04/06/2018	18.12	T	Distance Protection
Kaulewada-Madgi-I	IntraState	04/06/2018	21.51	04/06/2018	22.15	T	Distance Protection

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