

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jun/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.238	1056.682	1) Gujrat	-6.177	-49.672
2) Hydro	2.107	55.866	2) Madhya Pradesh	8.324	69.708
3) Gas	9.235	73.809	3) Chattisgarh	5.480	47.410
Total MSPGCL	141.580	1186.357	4) Maharashtra Net	125.627	999.410
B) 1) APML	31.205	328.233	5) Goa (Amona)	-0.242	-0.792
2) JSWEL	26.377	206.863	Total	133.012	1066.064
3) VIPL	9.412	77.650	a) Mumbai Schedule	26.790	249.606
4) RPL(AMT)	17.996	140.786	b) Mumbai Drawl	34.098	258.897
5) WPCL	4.916	42.141	c) MSEDCL Bilateral *	37.038	347.237
6) PGPL	0.000	0.000	Include PX	7.799	79.305
7) Other IPP	9.326	97.300	d) Mumbai Bilateral *	26.790	248.170
C) 1) TPCL Thermal	17.080	135.676	Include PX	5.575	64.046
2) TPCL Hydro	3.297	36.125	Include Standby	0.000	1.436
3) TPCL Gas	3.208	28.209	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.951	94.254	1) MSEDCL	367.712	3076.267
D) STATE			2) Mumbai Discoms	69.635	553.163
1) Thermal	258.501	2179.585	TOTAL STATE	437.347	3629.430
(A1+C1+C4+(B1-B6))					
2) Hydro	5.404	91.991			
(A2+C2)					
3) Gas	12.443	102.018			
(A3+B6+C3)					
4) Wind	24.008	151.419			
6) SOLAR	3.978	38.351			
TOTAL STATE	304.334	2563.364			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5362	5384	5485	5217
MSPGCL Hydro	181	51	201	58
MSPGCL Gas	326	389	406	395
MSPGCL Total Generation	5869	5824	6092	5670
Central Sector Receipt	6351	6365	5669	4586
WIND	599	664	1044	1529
CPP / IPP Thermal	4229	4205	4048	3894
CPP / IPP Gas	0	0	0	0
SOLAR	485	397	0	0
Exchange with Mumbai	-1785	-1802	-1457	-871
MSEDCL DEMAND MET	15748	15653	15396	14808
Load Shedding	0	0	0	0
MSEDCL DEMAND	15748	15653	15396	14808
TPCL GENERATION	1139	1231	1112	820
R-INFRA GENERATION	501	495	498	497
MUMBAI DEMAND	3425	3528	3067	2188
STATE DEMAND MET	19173	19181	18463	16996
STATE DEMAND	19173	19181	18463	16996
Frequency (Hz)	49.97	50.00	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 05.02 Hrs	49.84 Hz at 11.19 Hrs	49.99	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 08/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.58	28.55	157	140
Unit 8	0.00	24.11	0	0
Unit 9	7.78	59.56	461	0
Unit 10	7.65	57.38	363	298
Total	19.01	169.60		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.72	83.31	475	355
Unit 5	10.40	82.91	465	360
Total	21.12	166.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.01	39.58	250	188
Unit 7	4.94	38.81	238	176
Unit 8	4.88	29.23	234	187
Total	14.83	107.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.04	88.11	470	450
Unit 6	0.00	0.00	0	0
Unit 7	10.44	83.48	450	412
Unit 8	10.91	72.96	470	440
Unit 9	7.87	62.75	389	0
Total	40.26	307.30		
Paras				
Unit 3	5.74	45.15	250	200
Unit 4	5.61	45.07	250	190
Total	11.35	90.22		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	3.57	24.84	155	145
Unit 3	3.50	27.26	151	135
Unit 4	0.00	19.72	0	0
Unit 5	8.29	71.20	360	330
Total	15.36	149.80		
Nasik				
Unit 3	4.14	35.32	187	158
Unit 4	0.00	0.13	0	0
Unit 5	4.16	30.47	190	162
Total	8.30	65.92		
Uran				
All Units	9.24	73.81	412	293
Total	9.24	73.81		
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	0.35	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.35		
Koyna				
Stage 1-2	1.29	23.28	160	40
Stage 4	0.00	10.78	0	0
Stage 3	0.11	7.61	70	0
Total	1.40	41.67		
Hydro				
KDPH	0.00	2.46	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.18	0.20	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.13	80	0
RNGR+BHTSA	0.24	1.98	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.08	2.37	11	1
GHATGHAR	0.00	5.06	0	0
Total	0.71	14.20		
Wind				
Total	24.01	151.42	0	0
Total	24.01	151.42		
CPP				
APML(Mus)	31.20	328.23	0	0
JSWEL(Mus)	26.38	206.86	0	0
VIPL(Mus)	9.41	77.65	0	0
RPLAMT(Mus)	18.00	140.79	0	0
WPCL(Mus)	4.92	42.14	0	0
Other(Mus)	9.33	97.30	0	0
Total	99.23	892.97		
SOLAR				
Total	3.98	38.35	0	0
Total	3.98	38.35		
Tata				
Trombay 5	11.46	90.71	488	461
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.94	17.40	92	63
Trombay 7B	1.27	10.80	57	47
Trombay 8	5.62	44.97	242	230
TATA Hydro	3.30	36.12	364	6
Total	23.58	200.01		
R-INFRA				
DTPS U-1&2	11.95	94.25	502	495
Total	11.95	94.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.24	1056.68	MSPGCL Total	141.58	1186.36
			MSPGCL Thml+Gas	139.47	1130.49	Koyna 1,2 & 4 Total	1.29	34.06
			MSPGCL Hydro	2.11	55.87	State Total	304.33	2563.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5688	53	402	6143	1621	4320	0	0	5184	5050	-1211	15923	0	15923	2621	18544	49.97
2	5584	53	380	6017	1603	4171	0	0	5016	4641	-1044	15388	0	15388	2435	17823	50.01
3	5273	53	382	5708	1551	3951	0	0	4969	4715	-958	14967	0	14967	2281	17248	49.98
4	5217	58	395	5670	1529	3894	0	0	4883	4586	-871	14808	0	14808	2188	16996	49.99
5	5210	57	397	5664	1552	3866	0	0	4937	4662	-846	14898	0	14898	2165	17063	50.00
6	5187	57	399	5643	1302	3813	0	0	5207	5101	-893	14966	0	14966	2211	17177	50.03
7	5363	210	412	5985	955	3874	0	25	5179	5397	-890	15346	0	15346	2214	17560	50.00
8	5552	126	407	6085	926	3960	0	130	5285	5380	-1023	15458	0	15458	2361	17819	50.04
9	5587	61	403	6051	901	4096	0	293	5632	5586	-1359	15568	0	15568	2703	18271	50.03
10	5560	61	319	5940	867	4142	0	334	5699	5875	-1548	15610	0	15610	3074	18684	50.00
11	5639	69	293	6001	615	4346	0	464	5827	5857	-1738	15545	0	15545	3332	18877	49.99
12	5362	181	326	5869	599	4229	0	485	6147	6351	-1785	15748	0	15748	3425	19173	49.97
13	5379	68	390	5837	538	4156	0	471	6584	6444	-1811	15635	0	15635	3417	19052	50.00
14	5391	51	390	5832	451	4151	0	503	6713	6447	-1720	15664	0	15664	3328	18992	50.02
15	5432	51	388	5871	468	4203	0	456	6771	6474	-1810	15662	0	15662	3448	19110	49.98
16	5384	51	389	5824	664	4205	0	397	6698	6365	-1802	15653	0	15653	3528	19181	50.00
17	5466	51	379	5896	858	4209	0	276	6611	6278	-1824	15693	0	15693	3449	19142	50.01
18	5457	66	402	5925	909	4193	0	124	5510	5454	-1702	14903	0	14903	3311	18214	49.98
19	5466	124	385	5975	1001	4084	0	20	5443	5368	-1512	14936	0	14936	3116	18052	49.99
20	5485	201	406	6092	1044	4048	0	0	5446	5669	-1457	15396	0	15396	3067	18463	49.95
21	5562	132	386	6080	991	4318	0	0	5422	5214	-1522	15081	0	15081	3035	18116	49.96
22	5441	51	406	5898	893	4342	0	0	5392	5404	-1588	14949	0	14949	3000	17949	49.97
23	5268	81	396	5745	1083	4338	0	0	5362	5441	-1538	15069	0	15069	2926	17995	49.99
24	5285	141	403	5829	1087	4325	0	0	5358	5252	-1646	14847	0	14847	2999	17846	49.97
MUs	130.24	2.11	9.24	141.58	24.01	99.23	0.00	3.98	135.27	133.01	-34.10	367.71	0.00	367.71	69.63	437.35	49.99

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 08/Jun/2018

Position as on 6.30 Hrs of 09/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.	
MSPGCL	Khaparkheda Unit 4	210	06/06/2018	23.44		Continued.	poor coal receipt	
CPP	IEPL Unit 1	270	07/06/2018	00.00		Continued.	Coal Shortage	
IPP	Adani U-4	660	07/06/2018	12.06		Continued.	Due to APH-A Hot PA duct below leakage	
MSPGCL	Uran Unit 5	108	07/06/2018	17.22	09/06/2018	06.26	Filter Replacement work	
MSPGCL	Uran Unit A0	120	07/06/2018	17.22		Continued.	Filter Replacement work	
MSPGCL	Koradi Unit 9	660	08/06/2018	10.55	08/06/2018	12.49	PA Fan problem	
MSPGCL	Chandrapur Unit 9	500	08/06/2018	21.52		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	09/06/2018	02.48	09/06/2018	04.38	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 09/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 1	IntraState	08/06/2018	12.50	08/06/2018	14.50	PO	Premonsoon maintenance Work. Of Converter Transformer And Smoothing Reactor.
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	05/06/2018	18.22		Continued.	HT	Over Voltage
Chandrapur II - Dhariwal -I	InterState	08/06/2018	08.58	08/06/2018	18.31	EO	Fixing Line Spacers, Dampers & Attending Hot Spots
Padgha Tarapur II	InterState	08/06/2018	10.07	08/06/2018	18.40	PO	Hose Replacement Work.
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Chandrapur-Parali III	IntraState	07/06/2018	09.25	08/06/2018	07.14	PO	For Missing of Earth Wire(RFC 21.45Hrs)
Bhusawal-Aurangabad	IntraState	07/06/2018	19.23		Continued.	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	08/06/2018	03.07		Continued.	T	Over Voltage
Chakan-Talegaon (Pgcil)	IntraState	08/06/2018	23.32	09/06/2018	06.36	PO	Work at PGCIL end
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
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	08/06/2018	14.42	08/06/2018	16.28	PO	Plastic Wrapping To Buchholz Relay.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	08/06/2018	19.28		Continued.	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.
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.
Chalishaon -Babhaleshwar	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection,tower collapsed.
Chandrapur(MIDC)-Ballarshah II	IntraState	08/06/2018	01.31	08/06/2018	02.02	T	Distance Protection
Hingoli- Girawali	IntraState	08/06/2018	08.15	08/06/2018	21.52	PO	Distance Relay Testing Work
Khaparkheda-Kanhan	IntraState	08/06/2018	08.15	08/06/2018	21.52	PO	Shifting Of Source Of 220KV Kanhan From Old 220KV

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 08/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 09/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Khaparkheda To 400/220 kv Khaparkheda.
Pedambe-Nerle	IntraState	08/06/2018	08.20	09/06/2018	04.10	EO	Attending Hot Spot
Ambazari-Amravati	IntraState	08/06/2018	08.56	08/06/2018	12.08	PO	Line Signature Test.
Padghe - Jambhul 2	IntraState	08/06/2018	09.12	08/06/2018	19.34	PO	Damage conductor work
Balapur-Akola I	IntraState	08/06/2018	10.57	08/06/2018	16.21	PO	Bus And Line Isolator Maintenance Work.
Aurangabad - Chitegaon	IntraState	08/06/2018	11.50	08/06/2018	18.36	PO	Quarterly Maintanance Work
Jamde-Dondaicha 1	IntraState	08/06/2018	12.50	08/06/2018	14.50	PO	Replacement of Nut Bolt Clamp On B-PH Wave Trap.
Mudshingi-Belewadi	IntraState	08/06/2018	14.50	08/06/2018	16.05	PO	Replacement Of B PH LA.
Talandge-Mudshingi Ckt-I	IntraState	08/06/2018	16.48	08/06/2018	20.42	EO	Attending Hot Spot
Apta - Bombay Dyeing	IntraState	08/06/2018	17.10	08/06/2018	17.45	EO	Attending Hot Spot
Trombay - Mulund	IntraState	08/06/2018	23.20	09/06/2018	03.12	EO	To attend Hot Spot
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.
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	08/06/2018	09.00	08/06/2018	12.02	EO	Attending Hot Spot
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	08/06/2018	10.02	08/06/2018	11.33	PO	Premonsoon Maintenance Work.
220/100 KV 200MVA ICT II @ Pal	IntraState	08/06/2018	10.10	08/06/2018	12.15	PO	Routine Maintenance Work
220/33kv 125 MVA Transformer 2 @Aarey R/S	IntraState	08/06/2018	10.10	08/06/2018	12.02	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	08/06/2018	11.39	08/06/2018	12.37	PO	Premonsoon Maintenance Work.
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	08/06/2018	13.55	08/06/2018	15.10	PO	Routine Maintenance Work
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	08/06/2018	14.06	08/06/2018	15.14	PO	Routine Maintenance Work
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	08/06/2018	15.00	08/06/2018	16.44	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	08/06/2018	15.05	08/06/2018	16.25	PO	Plastic Wrapping To Buchholz Relay And PRV/OSR.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	08/06/2018	15.18	08/06/2018	16.09	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	06/06/2018	16.21		Continued.	HT	Over Voltage

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