

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jun/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.125	2815.338	1) Gujrat	-3.148	-43.687
2) Hydro	3.222	66.946	2) Madhya Pradesh	8.776	116.384
3) Gas	6.783	109.773	3) Chattisgarh	3.940	60.410
Total MSPGCL	161.130	2992.057	4) Maharashtra	110.675	2016.619
B) 1) APML	72.694	1280.418	5) Goa (Amona)	-0.396	-6.864
2) JSWEL	24.923	426.919	Total	119.847	2142.862
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.448	539.625
4) RPL(AMT)	4.995	328.858	b) Mumbai Drawl	34.586	663.439
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.212	171.592
6) Other IPP	6.729	125.222	Include PX	-2.524	-98.075
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.448	539.625
C) 1) TPCL Thermal	12.809	235.369	Include PX	9.766	225.899
2) TPCL Hydro	5.277	63.056	Standby	0.000	0.000
3) TPCL Gas	4.061	76.264	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.258	171.928	1) MSEDCL	410.795	7364.886
D) STATE			2) Mumbai Discoms	65.991	1210.057
1) Thermal	282.533	5384.052	TOTAL STATE	476.786	8574.943
(A1+C1+C4+(B1-B6))					
2) Hydro	8.499	130.002			
(A2+C2)					
3) Gas	10.844	186.037			
(A3+B7+C3)					
4) Wind	48.575	619.228			
6) SOLAR	6.488	112.761			
TOTAL STATE	356.939	6432.080			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6314	6318	6474	6257
MSPGCL Hydro	288	141	95	30
MSPGCL Gas	267	267	295	286
MSPGCL Total Generation	6869	6726	6864	6573
Central Sector Receipt	5528	5336	4567	4653
WIND	2249	2521	2239	1382
CPP / IPP Thermal	4301	4476	4704	4652
CPP / IPP Gas	0	0	0	0
SOLAR	824	719	0	0
Exchange with Mumbai	-1849	-1700	-1373	-1115
MSEDCL DEMAND MET	17922	18078	17001	16145
Load Shedding	0	0	0	0
MSEDCL DEMAND	17922	18078	17001	16145
TPCL GENERATION	1156	1100	1002	630
AEML GENERATION	375	375	373	375
MUMBAI DEMAND	3380	3175	2748	2120
STATE DEMAND MET	21302	21253	19749	18265
STATE DEMAND	21302	21253	19749	18265
Frequency (Hz)	49.87	49.94	49.87	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 00.01 Hrs	49.72 Hz at 05.51 Hrs	49.97	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 18/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.03	62.18	16	0
Unit 7	3.48	45.43	184	124
Unit 8	9.90	155.30	422	400
Unit 9	11.07	174.23	501	360
Unit 10	9.26	171.67	425	304
Total	33.73	608.81		
Bhusawal				
Unit 3	0.00	12.44	0	0
Unit 4	10.06	174.78	505	360
Unit 5	9.94	152.54	500	355
Total	20.00	339.77		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	11.77	0	0
Total	0.00	11.77		
Chandrapur				
Unit 3	4.23	77.03	185	165
Unit 4	0.97	59.68	155	0
Unit 5	9.47	168.65	425	365
Unit 6	9.92	176.96	460	365
Unit 7	6.04	145.71	442	121
Unit 8	10.74	194.35	490	360
Unit 9	11.08	188.88	495	370
Total	52.46	1011.27		
Paras				
Unit 3	5.71	101.34	255	198
Unit 4	5.81	98.49	258	190
Total	11.51	199.82		
Khaparkheda				
Unit 1	2.62	55.54	130	75
Unit 2	2.36	50.72	110	70
Unit 3	3.19	64.02	160	0
Unit 4	3.46	63.80	162	119
Unit 5	10.76	194.14	455	390
Total	22.39	428.20		
Nasik				
Unit 3	4.03	73.20	188	158
Unit 4	4.11	71.94	194	150
Unit 5	2.89	70.56	170	0
Total	11.03	215.70		
Uran				
All Units	6.78	109.77	295	267
Total	6.78	109.77		
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	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	1.54	25.04	380	30
Stage 4	0.15	0.34	152	0
Stage 3	0.32	6.20	80	0
Total	2.01	31.58		
Hydro				
KDPH	0.00	5.66	0	0
VTRNA	0.89	12.39	61	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	3.28	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.07	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	1.95	0	0
GHATGHAR	0.00	8.34	0	0
Total	1.21	35.36		
Wind				
Total	48.58	619.23	0	0
Total	48.58	619.23		
CPP				
APML(Mus)	72.69	1280.42	0	0
JSWEL(Mus)	24.92	426.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.00	328.86	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.73	125.22	0	0
Total	109.34	2161.42		
SOLAR				
Total	6.49	112.76	0	0
Total	6.49	112.76		
Tata				
Trombay 5	7.95	147.21	461	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	48.36	116	64
Trombay 7B	1.52	27.90	67	50
Trombay 8	4.86	88.16	227	199
TATA Hydro	5.28	63.06	459	29
Total	22.15	374.69		
AEML				
DTPS U-1&2	9.26	171.93	497	373
Total	9.26	171.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.12	2815.34	MSPGCL Total	161.13	2992.06
			MSPGCL Thml+Gas	157.91	2925.11	Koyna 1,2 & 4 Total	1.69	25.39
			MSPGCL Hydro	3.22	66.95	State Total	356.94	6432.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Jun/2019

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	6723	40	283	7046	1799	4670	0	0	5178	4976	-1496	16995	0	16995	2683	19678	50.04
2	6639	30	284	6953	1758	4692	0	0	4917	4749	-1397	16755	0	16755	2452	19207	50.02
3	6189	35	283	6507	1666	4610	0	0	4585	4892	-1264	16411	0	16411	2290	18701	50.00
4	6209	75	287	6571	1635	4656	0	0	4492	4465	-1183	16144	0	16144	2187	18331	50.04
5	6257	30	286	6573	1382	4652	0	0	4493	4653	-1115	16145	0	16145	2120	18265	50.03
6	6822	130	284	7236	1092	4767	0	1	4637	4833	-1169	16760	0	16760	2186	18946	49.86
7	6946	440	285	7671	1058	4915	0	57	5149	5517	-958	18260	0	18260	2243	20503	49.92
8	6843	135	285	7263	1488	4871	0	255	5026	4790	-1013	17654	0	17654	2392	20046	50.04
9	6438	85	283	6806	1996	4743	0	489	5066	4593	-1410	17217	0	17217	2691	19908	50.01
10	6043	82	279	6404	2265	4586	0	660	4992	4913	-1621	17207	0	17207	3044	20251	50.00
11	5913	222	279	6414	2154	4217	0	745	4806	5529	-1771	17288	0	17288	3284	20572	49.97
12	6314	288	267	6869	2249	4301	0	824	5226	5528	-1849	17922	0	17922	3380	21302	49.87
13	6306	131	280	6717	2179	4561	0	831	5226	5035	-1770	17553	0	17553	3282	20835	49.87
14	6200	131	282	6613	2119	4555	0	751	5177	5205	-1657	17586	0	17586	3107	20693	50.00
15	6318	141	267	6726	2521	4476	0	719	5404	5336	-1700	18078	0	18078	3175	21253	49.94
16	5833	181	282	6296	2610	4209	0	540	5243	5517	-1678	17494	0	17494	3108	20602	49.95
17	5630	224	283	6137	2912	4146	0	399	5089	5599	-1596	17597	0	17597	3068	20665	50.01
18	5772	245	284	6301	2767	4131	0	175	4928	5061	-1527	16908	0	16908	2993	19901	50.00
19	6040	116	285	6441	2820	4157	0	42	4765	4635	-1503	16592	0	16592	2898	19490	50.04
20	6267	95	282	6644	2477	4382	0	0	4808	4807	-1440	16870	0	16870	2858	19728	49.89
21	6474	95	295	6864	2239	4704	0	0	4585	4567	-1373	17001	0	17001	2748	19749	49.87
22	6429	90	285	6804	2022	4764	0	0	4502	4427	-1348	16669	0	16669	2666	19335	49.94
23	6276	90	286	6652	1772	4749	0	0	4845	5082	-1384	16871	0	16871	2603	19474	50.01
24	6244	91	287	6622	1595	4827	0	0	5139	5138	-1364	16818	0	16818	2533	19351	49.98
MUs	151.12	3.22	6.78	161.13	48.57	109.34	0.00	6.49	118.28	119.85	-34.59	410.80	0.00	410.80	65.99	476.79	49.97

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 18/Jun/2019

Position as on 6.30 Hrs of 19/Jun/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 3	210	04/06/2019	20.15		Continued.	Zero Schedule	
IPP	RPL(AMT) U-5	270	11/06/2019	17.01		Continued.	Zero Schedule	
IPP	RPL(AMT) U-4	270	13/06/2019	17.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	14/06/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	14/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 4	210	15/06/2019	23.42	18/06/2019	13.15	Boiler Tube Leakage	
MSPGCL	Koyna Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyna Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
MSPGCL	Koradi Unit 6	210	18/06/2019	00.15	18/06/2019	23.27	Flame Failure	
MSPGCL	Nasik Unit 5	210	18/06/2019	07.28	18/06/2019	13.15	Flame Failure	
MSPGCL	Chandrapur Unit 7	500	18/06/2019	15.41		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	18/06/2019	21.29	19/06/2019	02:43	Flame Failure	
MSPGCL	Koradi Unit 6	210	19/06/2019	00.02	19/06/2019	01.46	Loss of fuel	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 19/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	15/06/2019	17.35	19/06/2019	01.49	HT	Over Voltage
Padgha Tarapur II	InterState	18/06/2019	10.58	18/06/2019	21.03	PO	CT Replacement work
Dhule Sar'Sarovar II	InterState	19/06/2019	01.00		Continued.	T	Distance Protection
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	17/06/2019	10.29		Continued.	PO	Diagnostic Testing Of 400Kv Equipment With SPTCL Bay.
Khadka-Aurangabad (Waluj)	IntraState	17/06/2019	17.39	18/06/2019	06.18	HT	Over Voltage
Koradi-Bhusawal	IntraState	18/06/2019	06.31	18/06/2019	18.27	PO	Replacement of Faulty Insulator
N.Koyna-Karad - Ckt I	IntraState	18/06/2019	08.35	18/06/2019	18.30	PO	Chemical Washing work
Chandrapur - Khaperkheda	IntraState	18/06/2019	08.39	18/06/2019	16.27	PO	Testing Work
Ektuni-Bableshwar ckt II	IntraState	18/06/2019	09.42	18/06/2019	17.57	PO	Routine Maintenance Work
karad -kolhapur-II	IntraState	18/06/2019	09.57	18/06/2019	16.27	EO	To attend Hot Spot
Kala Kudus Ckt-I	IntraState	18/06/2019	09.57	18/06/2019	23.07	PO	Routine Maintenance Work
Kala Kudus Ckt-II	IntraState	18/06/2019	09.57	18/06/2019	23.08	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	18/06/2019	18.34		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	18/06/2019	19.20	18/06/2019	21.00	HT	Sparking at Bus Isolator
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.
PARLY (PG) - OSMANABAD	InterState	18/06/2019	09.38	18/06/2019	16.44	PO	Line Maintenance work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay Carnac 5	IntraState	16/06/2019	13.24	19/06/2019	16.00	HT	For Safety Purpose.
Chinchwad-Hinjewadi I	IntraState	17/06/2019	22.17	18/06/2019	01.41	HT	For Load Management For Outage On 220KV Chakan-Bhosari line.
Chakan-Bhosari	IntraState	17/06/2019	22.40	18/06/2019	02.55	PO	Urgent relay Testing Work.
Kalwa1- Airoli Knowledge Park	IntraState	18/06/2019	08.28	18/06/2019	10.33	EO	To attend Hot Spot
Nagothane - ACCIL	IntraState	18/06/2019	09.13	18/06/2019	18.32	PO	Routine Maintenance Work
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	18/06/2019	10.31	18/06/2019	15.52	PO	CRM and CB Timing
Vita - Ghatnandre	IntraState	18/06/2019	11.20	18/06/2019	15.00	PO	Line Maintenance work
Alkud Miraj	IntraState	18/06/2019	11.35	18/06/2019	13.11	PO	Line Maintenance work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	18/06/2019	15.20	18/06/2019	16.54	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	18/06/2019	10.05	18/06/2019	11.55	PO	Inspection of CTR by company REP
200MVA ICT VI @ Nasik GCR	IntraState	18/06/2019	10.07	18/06/2019	18.13	PO	OLTC Work
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	18/06/2019	11.00	18/06/2019	14.42	EO	To attend Hot Spot
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	18/06/2019	11.55	18/06/2019	12.36	PO	For CTR Trial
220/33kv 125 MVA T/F-III @ Goregaon	IntraState	18/06/2019	23.38	19/06/2019	02.18	T	PRV relay cable faulty

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