

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jun/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.846	2393.193	1) Gujrat	-8.697	-120.478
2) Hydro	25.231	140.424	2) Madhya Pradesh	11.618	198.215
3) Gas	8.690	163.929	3) Chattisgarh	6.270	114.770
Total MSPGCL	160.767	2697.546	4) Maharashtra Net	122.248	2289.742
B) 1) APML	45.243	706.084	5) Goa (Amona)	-0.242	-4.994
2) JSWEL	21.521	458.848	Total	131.197	2477.255
3) VIPL	6.225	150.514	a) Mumbai Schedule	23.965	554.584
4) RPL(AMT)	19.897	325.290	b) Mumbai Drawl	25.870	599.979
5) WPCL	2.849	73.638	c) MSEDCL Bilateral *	31.572	678.315
6) PGPL	0.000	0.000	Include PX	2.796	92.274
7) Other IPP	9.111	193.259	d) Mumbai Bilateral *	23.965	551.200
C) 1) TPCL Thermal	16.928	304.667	Include PX	6.644	181.802
2) TPCL Hydro	5.200	68.373	Include Standby	0.000	3.385
3) TPCL Gas	3.520	68.117	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.012	217.477	1) MSEDCL	391.742	7248.941
D) STATE			2) Mumbai Discoms	63.528	1258.614
1) Thermal	260.632	4822.970	TOTAL STATE	455.270	8507.555
(A1+C1+C4+(B1-B6))					
2) Hydro	30.431	208.797			
(A2+C2)					
3) Gas	12.210	232.046			
(A3+B6+C3)					
4) Wind	15.503	667.891			
6) SOLAR	5.299	98.595			
TOTAL STATE	324.075	6030.299			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5462	5345	5399	5161
MSPGCL Hydro	1784	1805	377	165
MSPGCL Gas	352	348	364	376
MSPGCL Total Generation	7598	7498	6140	5702
Central Sector Receipt	6278	6329	5066	5314
WIND	309	445	1211	601
CPP / IPP Thermal	4260	4275	4630	4217
CPP / IPP Gas	0	0	0	0
SOLAR	638	575	3	0
Exchange with Mumbai	-1431	-1319	-1249	-537
MSEDCL DEMAND MET	17652	17803	15801	15297
Load Shedding	0	0	0	0
MSEDCL DEMAND	17652	17803	15801	15297
TPCL GENERATION	1260	1298	1125	832
R-INFRA GENERATION	500	500	500	502
MUMBAI DEMAND	3191	3117	2874	1871
STATE DEMAND MET	20843	20920	18675	17168
STATE DEMAND	20843	20920	18675	17168
Frequency (Hz)	49.96	49.93	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 12.02 Hrs	49.61 Hz at 22.20 Hrs	49.93	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 19/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	38.44	0	0
Unit 8	7.49	75.74	359	260
Unit 9	0.00	101.02	0	0
Unit 10	8.28	153.27	452	273
Total	15.77	368.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.64	191.42	500	470
Unit 5	11.62	187.75	500	475
Total	23.26	379.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.55	88.33	212	163
Unit 7	0.00	72.72	0	0
Unit 8	4.47	77.50	204	165
Total	9.02	238.56		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.14	201.73	475	455
Unit 6	0.41	0.41	85	0
Unit 7	10.54	192.06	456	377
Unit 8	11.11	186.20	480	444
Unit 9	9.96	147.04	466	355
Total	43.15	727.44		
Paras				
Unit 3	5.04	98.58	240	189
Unit 4	4.64	98.88	213	155
Total	9.68	197.46		
Khaparkheda				
Unit 1	0.25	7.04	85	0
Unit 2	0.00	37.36	0	0
Unit 3	3.67	67.08	155	147
Unit 4	3.68	51.80	160	150
Unit 5	9.89	164.51	500	350
Total	17.50	327.79		
Nasik				
Unit 3	4.38	79.96	195	178
Unit 4	0.00	0.13	0	0
Unit 5	4.08	74.24	177	165
Total	8.46	154.33		
Uran				
All Units	8.69	163.93	387	348
Total	8.69	163.93		
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)	0.04	1.18	13	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.18		
Koyna				
Stage 1-2	8.30	55.16	560	40
Stage 4	9.30	31.61	750	0
Stage 3	4.05	20.69	320	0
Total	21.66	107.46		
Hydro				
KDPH	0.61	4.97	26	25
VTRNA	0.00	0.00	0	0
TILLARI	0.18	4.21	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	3.51	63	0
RNGR+BHTSA	0.23	4.44	10	9
BHANDARDRA	0.77	2.41	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	3.77	18	6
GHATGHAR	1.37	9.66	125	0
Total	3.58	32.96		
Wind				
Total	15.50	667.89	0	0
Total	15.50	667.89		
CPP				
APML(Mus)	45.24	706.08	0	0
JSWEL(Mus)	21.52	458.85	0	0
VIPL(Mus)	6.22	150.51	0	0
RPLAMT(Mus)	19.90	325.29	0	0
WPCL(Mus)	2.85	73.64	0	0
Other(Mus)	9.11	193.26	0	0
Total	104.85	1907.63		
SOLAR				
Total	5.30	98.60	0	0
Total	5.30	98.60		
Tata				
Trombay 5	11.28	199.62	476	466
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.18	42.23	102	74
Trombay 7B	1.34	25.89	60	51
Trombay 8	5.65	105.05	242	231
TATA Hydro	5.20	68.37	445	4
Total	25.65	441.16		
R-INFRA				
DTPS U-1&2	12.01	217.48	502	497
Total	12.01	217.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.85	2393.19	MSPGCL Total	160.77	2697.55
			MSPGCL Thml+Gas	135.54	2557.12	Koyna 1,2 & 4 Total	17.60	86.77
			MSPGCL Hydro	25.23	140.42	State Total	324.08	6030.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5097	251	362	5710	1175	4294	0	0	5095	5207	-741	15645	0	15645	2286	17931	49.87
2	5096	141	387	5624	1067	4319	0	0	5103	5038	-754	15294	0	15294	2100	17394	49.97
3	5140	91	364	5595	924	4343	0	0	5043	5146	-630	15378	0	15378	1973	17351	49.93
4	5159	130	375	5664	832	4289	0	0	5093	5146	-559	15372	0	15372	1900	17272	49.96
5	5161	165	376	5702	601	4217	0	0	5128	5314	-537	15297	0	15297	1871	17168	49.97
6	5162	964	375	6501	418	4237	0	5	5304	5829	-602	16388	0	16388	1937	18325	49.89
7	5226	1489	364	7079	259	4192	0	58	5978	6118	-695	17011	0	17011	2029	19040	49.93
8	5224	1657	386	7267	338	4202	0	199	5845	5847	-827	17026	0	17026	2206	19232	50.00
9	5218	1682	373	7273	376	4192	0	440	5432	5546	-1026	16801	0	16801	2520	19321	49.98
10	5210	1762	357	7329	432	4199	0	541	5421	5507	-1167	16841	0	16841	2868	19709	49.95
11	5510	1772	365	7647	241	4252	0	638	5624	5566	-1448	16896	0	16896	3128	20024	50.02
12	5462	1784	352	7598	309	4260	0	638	5629	6278	-1431	17652	0	17652	3191	20843	49.96
13	5446	1835	359	7640	206	4273	0	689	6018	6238	-1386	17660	0	17660	3147	20807	49.95
14	5413	1834	348	7595	294	4290	0	587	5963	6112	-1280	17598	0	17598	3056	20654	49.93
15	5345	1805	348	7498	445	4275	0	575	5930	6329	-1319	17803	0	17803	3117	20920	49.93
16	5333	1792	357	7482	605	4293	0	460	5991	6061	-1384	17517	0	17517	3168	20685	49.93
17	5357	1587	352	7296	1036	4349	0	315	5568	5354	-1570	16780	0	16780	3150	19930	49.96
18	5414	755	352	6521	1079	4375	0	136	5399	5329	-1579	15861	0	15861	3057	18918	49.97
19	5315	441	354	6110	1171	4471	0	15	5199	4822	-1469	15120	0	15120	2945	18065	49.99
20	5399	377	364	6140	1211	4630	0	3	5122	5066	-1249	15801	0	15801	2874	18675	49.93
21	5316	437	360	6113	830	4695	0	0	5041	5041	-1056	15623	0	15623	2850	18473	49.84
22	5275	708	348	6331	597	4742	0	0	4969	4872	-1014	15528	0	15528	2758	18286	49.78
23	5256	980	359	6595	592	4729	0	0	4945	4744	-1054	15606	0	15606	2709	18315	49.74
24	5312	792	353	6457	465	4727	0	0	4915	4687	-1093	15243	0	15243	2690	17933	49.87
MUs	126.85	25.23	8.69	160.77	15.50	104.85	0.00	5.30	129.75	131.20	-25.87	391.74	0.00	391.74	63.53	455.27	49.93

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 19/Jun/2018

Position as on 6.30 Hrs of 20/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	19/06/2018	18.30	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Khaparkheda Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
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 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	19/06/2018	17.44	coal shortage due to critical coal stock & lower coal receipts from 02-May-2018	
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	19/06/2018	20.02	Poor coal receipt.	
CPP	IEPL Unit 1	270	07/06/2018	00.00	19/06/2018	17.51	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 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
IPP	JSW (J) U2	300	16/06/2018	00.19		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	POOR COAL RECEIPT.	
MSPGCL	Uran Unit 8	108	20/06/2018	02.10		Continued.	BALANCENING TRAIL WORK.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 20/Jun/2018

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	18/06/2018	17.22	19/06/2018	09.33	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/06/2018	17.10		Continued.	HT	Over Voltage
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Koradi-Khaperkheda I	IntraState	18/06/2018	15.18		Continued.	PO	for tower shifting work.
Koradi-Khaperkheda li	IntraState	18/06/2018	15.25		Continued.	PO	for tower shifting work.
Khadka-Aurangabad (Waluj)	IntraState	18/06/2018	17.23	19/06/2018	09.32	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/06/2018	16.38	20/06/2018	06.12	HT	Over Voltage
Chandrapur - Parli	IntraState	19/06/2018	16.44	19/06/2018	21.49	T	Distance Protection
Akola - Bhusawal	IntraState	19/06/2018	20.09	19/06/2018	20.24	HT	AS ISOLATOR IN TILT POSITION.
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 Kv 500 MVA ICT-I @Kalwa	IntraState	19/06/2018	04.37	19/06/2018	08.02	EO	to attend hotspot(r ph hv bushing clamp).
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	19/06/2018	17.39	19/06/2018	20.26	T	prv trip,testing work in progress.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	19/06/2018	19.35	19/06/2018	21.51	T	on oil surge relay.
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	19/06/2018	14.35	19/06/2018	16.04	HT	by wrldc to control od.
Boisar(MS) - Boisar (PG) II	InterState	19/06/2018	23.04	20/06/2018	01.55	T	Distance Protection
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.
Waluj - Chitegaon li	IntraState	15/06/2018	22.43	19/06/2018	23.33	T	Distance Protection, R-phase Conductor Snapped.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Wpcl-Warora 1	IntraState	18/06/2018	15.09		Continued.	HT	for shifting of 6 no ct to wardha s/s.
Kalwa - Mulund 1	IntraState	19/06/2018	04.32	19/06/2018	08.04	HT	to control ict loading.

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 19/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 20/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Mulund 2	IntraState	19/06/2018	04.33	19/06/2018	08.05	HT	to control ict loading.
Wardha-Dhamangaon	IntraState	19/06/2018	06.45	19/06/2018	09.34	PO	Attending Hot Spot
Mumewadi-Belewadi	IntraState	19/06/2018	10.06	19/06/2018	15.43	PO	Quarterly Maintainance Work
Ambazari-Amravati	IntraState	19/06/2018	10.12	19/06/2018	14.23	PO	REPLACEMENT OF DAMAGED CONDUCTOR IN SPAN OF LOC NO. 265-266 B-PHASE.
Hingoli- Girawali	IntraState	19/06/2018	10.16	19/06/2018	17.56	PO	REMOVING OF BIRD NEST ON Y-PHASE WAVE TRAP, EARTHING SEPRATION PF LA.
New Koyna - Pedambe	IntraState	19/06/2018	11.42	19/06/2018	11.52	EO	cb taken out due to low oil pressure.
Butibori-Abhijeet	IntraState	19/06/2018	11.56	19/06/2018	15.35	PO	Y-PHASE LA REPLACEMENT WORK.
Ambazari-Abhijeet	IntraState	19/06/2018	15.45	19/06/2018	18.34	PO	Y-PHASE LA REPLACEMENT WORK.
Karad - Kadegaon	IntraState	19/06/2018	16.11	19/06/2018	17.53	PO	incomer ph ct jump replacement work.
Chandrapur(MIDC)-Ballarshah II	IntraState	19/06/2018	16.40	19/06/2018	17.12	T	Distance Protection
Boisar(M) - Ghodbunder	IntraState	19/06/2018	23.44	20/06/2018	02.03	HT	FOR LOAD CONTROL.
REL Borivali Aarey Line	IntraState	20/06/2018	02.10	20/06/2018	04.42	PO	FOR A METRO WORK.
Arey - TPC Borivali	IntraState	20/06/2018	04.46		Continued.	HT	FOR A METRO WORK.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	15/06/2018	10.50		Continued.	T	OSR/DGA Values Of OLTC Oil Shows Content Of Fault Gases.
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	19/06/2018	09.30	19/06/2018	19.08	PO	Attending Oil Leakage
220/132 kv 200MVA ICT II @ Akola	IntraState	19/06/2018	10.12	19/06/2018	17.58	PO	DCRM OF BREAKER SFRA TEST OF ICT.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	19/06/2018	15.58	19/06/2018	17.29	PO	oil top up work.

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