

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jun/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.299	2266.347	1) Gujrat	-7.729	-111.781
2) Hydro	4.855	115.193	2) Madhya Pradesh	11.239	186.597
3) Gas	8.788	155.239	3) Chattisgarh	6.310	108.500
Total MSPGCL	139.942	2536.779	4) Maharashtra Net	122.991	2167.494
B) 1) APML	44.059	660.841	5) Goa (Amona)	-0.396	-4.752
2) JSWEL	20.368	437.327	Total	132.415	2346.058
3) VIPL	6.083	144.289	a) Mumbai Schedule	26.320	530.619
4) RPL(AMT)	18.341	305.393	b) Mumbai Drawl	28.158	574.109
5) WPCL	2.748	70.789	c) MSEDCL Bilateral *	30.753	646.743
6) PGPL	0.000	0.000	Include PX	0.486	89.478
7) Other IPP	8.729	184.148	d) Mumbai Bilateral *	26.320	527.235
C) 1) TPCL Thermal	14.833	287.739	Include PX	9.222	175.158
2) TPCL Hydro	3.059	63.173	Include Standby	0.000	3.385
3) TPCL Gas	3.619	64.597	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.614	205.465	1) MSEDCL	383.042	6857.199
D) STATE			2) Mumbai Discoms	60.283	1195.086
1) Thermal	252.074	4562.338	TOTAL STATE	443.325	8052.285
(A1+C1+C4+(B1-B6))					
2) Hydro	7.914	178.366			
(A2+C2)					
3) Gas	12.407	219.836			
(A3+B6+C3)					
4) Wind	33.473	652.388			
6) SOLAR	5.042	93.296			
TOTAL STATE	310.910	5706.224			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5369	5369	5234	5152
MSPGCL Hydro	399	288	232	86
MSPGCL Gas	353	381	356	367
MSPGCL Total Generation	6121	6038	5822	5605
Central Sector Receipt	6150	6081	5654	4552
WIND	1464	1547	1417	1383
CPP / IPP Thermal	4197	4193	4149	4103
CPP / IPP Gas	0	0	0	0
SOLAR	681	617	0	0
Exchange with Mumbai	-1522	-1329	-1441	-759
MSEDCL DEMAND MET	17091	17147	15601	14884
Load Shedding	0	0	0	0
MSEDCL DEMAND	17091	17147	15601	14884
TPCL GENERATION	1037	1070	919	654
R-INFRA GENERATION	500	500	378	378
MUMBAI DEMAND	3059	2899	2738	1791
STATE DEMAND MET	20150	20046	18339	16675
STATE DEMAND	20150	20046	18339	16675
Frequency (Hz)	49.96	50.01	49.92	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 19.01 Hrs	49.68 Hz at 22.27 Hrs	49.94	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/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	7.14	68.25	320	260
Unit 9	0.00	101.02	0	0
Unit 10	11.12	144.99	500	350
Total	18.26	352.69		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.98	179.78	490	375
Unit 5	10.85	176.12	480	380
Total	21.84	355.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.25	83.78	192	172
Unit 7	0.00	72.72	0	0
Unit 8	4.08	73.04	178	166
Total	8.33	229.54		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.12	190.59	470	450
Unit 6	0.00	0.00	0	0
Unit 7	10.45	181.51	446	420
Unit 8	10.84	175.09	471	421
Unit 9	10.46	137.09	451	413
Total	42.87	684.28		
Paras				
Unit 3	5.80	93.53	250	196
Unit 4	5.43	94.24	246	190
Total	11.23	187.78		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	0.00	37.36	0	0
Unit 3	3.71	63.41	158	151
Unit 4	3.64	48.12	155	149
Unit 5	8.41	154.62	355	345
Total	15.75	310.29		
Nasik				
Unit 3	4.15	75.58	182	160
Unit 4	0.00	0.13	0	0
Unit 5	3.88	70.16	172	160
Total	8.03	145.87		
Uran				
All Units	8.79	155.24	385	352
Total	8.79	155.24		
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)	0.12	1.14	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	1.14		
Koyna				
Stage 1-2	1.58	46.86	155	40
Stage 4	0.00	22.31	0	0
Stage 3	0.80	16.63	160	0
Total	2.38	85.80		
Hydro				
KDPH	0.49	4.35	26	13
VTRNA	0.00	0.00	0	0
TILLARI	0.69	4.03	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.31	77	0
RNGR+BHTSA	0.23	4.20	10	9
BHANDARDRA	0.71	1.64	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	3.56	16	5
GHATGHAR	0.00	8.29	0	0
Total	2.48	29.39		
Wind				
Total	33.47	652.39	0	0
Total	33.47	652.39		
CPP				
APML(Mus)	44.06	660.84	0	0
JSWEL(Mus)	20.37	437.33	0	0
VIPL(Mus)	6.08	144.29	0	0
RPLAMT(Mus)	18.34	305.39	0	0
WPCL(Mus)	2.75	70.79	0	0
Other(Mus)	8.73	184.15	0	0
Total	100.33	1802.79		
SOLAR				
Total	5.04	93.30	0	0
Total	5.04	93.30		
Tata				
Trombay 5	9.41	188.33	474	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.25	40.06	101	76
Trombay 7B	1.37	24.54	59	52
Trombay 8	5.42	99.40	240	214
TATA Hydro	3.06	63.17	294	0
Total	21.51	415.51		
R-INFRA				
DTPS U-1&2	10.61	205.46	501	377
Total	10.61	205.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.30	2266.35	MSPGCL Total	139.94	2536.78
			MSPGCL Thml+Gas	135.09	2421.59	Koyna 1,2 & 4 Total	1.58	69.17
			MSPGCL Hydro	4.86	115.19	State Total	310.91	5706.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5246	80	374	5700	1798	3982	0	0	5052	4715	-1080	15115	0	15115	2116	17231	49.94
2	4988	86	364	5438	1555	3905	0	0	4743	5016	-875	15039	0	15039	1978	17017	49.93
3	5052	81	385	5518	1338	4016	0	0	4564	4770	-838	14804	0	14804	1871	16675	49.92
4	5152	86	367	5605	1383	4103	0	0	4703	4552	-759	14884	0	14884	1791	16675	49.96
5	4956	110	364	5430	1260	3930	0	0	4748	5070	-751	14939	0	14939	1782	16721	49.87
6	5211	229	377	5817	1197	4142	0	0	5231	5346	-793	15709	0	15709	1869	17578	49.92
7	5276	134	375	5785	1170	4175	0	49	5970	6046	-659	16566	0	16566	1978	18544	49.91
8	5322	119	376	5817	1239	4171	0	197	5672	5811	-774	16461	0	16461	2147	18608	50.00
9	5378	144	364	5886	1331	4186	0	353	5515	5797	-1104	16449	0	16449	2487	18936	50.05
10	5372	366	380	6118	1492	4173	0	541	5691	5664	-1402	16586	0	16586	2810	19396	49.97
11	5400	339	357	6096	1454	4241	0	590	6008	5758	-1576	16563	0	16563	3016	19579	49.98
12	5369	399	353	6121	1464	4197	0	681	6046	6150	-1522	17091	0	17091	3059	20150	49.96
13	5336	322	352	6010	1433	4180	0	620	6034	6040	-1501	16782	0	16782	3007	19789	49.98
14	5369	288	381	6038	1547	4193	0	617	5979	6081	-1329	17147	0	17147	2899	20046	50.01
15	5359	192	354	5905	1567	4243	0	518	5963	6012	-1328	16917	0	16917	2959	19876	49.94
16	5365	267	357	5989	1449	4260	0	434	5938	6130	-1345	16917	0	16917	3000	19917	49.98
17	5365	248	352	5965	1555	4338	0	298	5805	5873	-1361	16668	0	16668	2966	19634	49.93
18	5363	185	373	5921	1745	4318	0	125	5386	5116	-1503	15722	0	15722	2885	18607	49.96
19	5222	228	357	5807	1568	4129	0	19	5130	5145	-1461	15207	0	15207	2763	17970	49.97
20	5234	232	356	5822	1417	4149	0	0	5638	5654	-1441	15601	0	15601	2738	18339	49.92
21	5319	160	357	5836	1213	4303	0	0	5691	5697	-1400	15649	0	15649	2662	18311	49.93
22	5331	162	379	5872	1265	4353	0	0	5472	5364	-1235	15619	0	15619	2566	18185	49.87
23	5235	260	362	5857	1023	4318	0	0	5557	5346	-1199	15345	0	15345	2493	17838	49.81
24	5079	138	372	5589	1010	4318	0	0	5587	5262	-922	15257	0	15257	2441	17698	49.87
MUs	126.30	4.86	8.79	139.94	33.47	100.33	0.00	5.04	132.12	132.41	-28.16	383.04	0.00	383.04	60.28	443.33	49.94

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/2018

Position as on 6.30 Hrs of 19/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	
MSPGCL	Koyana STG-IV Unit-4	250	12/06/2018	09.40		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 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 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.	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		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 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	Khaparkheda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Koyana Unit 5	80	13/06/2018	08.05	18/06/2018	18.55	Injector 6 Replacement Work.	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 19/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	16/06/2018	15.06	18/06/2018	06.32	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	18/06/2018	08.50	18/06/2018	23.54	PO	line amp work and jumper replacement.
Chandrapur Bhadravati III	InterState	18/06/2018	09.22	18/06/2018	09.53	HT	charging of 400 kv main bus 1 at chandrapur 1.
Dhule Sar'Sarovar I	InterState	18/06/2018	17.22		Continued.	HT	Over Voltage
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)
karad -kolhapur-I	IntraState	17/06/2018	06.06	18/06/2018	14.03	T	Distance Protection
Chandrapur II - Chandrapur ckt I	IntraState	17/06/2018	10.22	18/06/2018	10.57	PO	CHECKING THE HEALTHINESS OF R Y B PHASE.
Main Bus I @ Chandrapur Sw	IntraState	17/06/2018	11.29	18/06/2018	09.53	PO	CHECKING THE HEALTHINESS OF R Y B PHASE.
Khadka-Aurangabad (Waluj)	IntraState	17/06/2018	18.24	18/06/2018	06.28	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	18/06/2018	06.38	18/06/2018	10.35	HT	charging main bus 1.
Pune(GIS)-Talegaon(PG) Ckt 3	IntraState	18/06/2018	10.04	18/06/2018	17.44	PO	Routine Maintenance Work
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		Continued.	HT	Over Voltage
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 @Akola	IntraState	18/06/2018	15.13	18/06/2018	18.30	PO	fire detection alarm inspection.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	19/06/2018	04.37		Continued.	EO	to attend hotspot(r ph hv bushing clamp).
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.
Waluj - Chitegaon li	IntraState	15/06/2018	22.43		Continued.	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.

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 18/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 19/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar(M) - Ghodbunder	IntraState	17/06/2018	10.41	18/06/2018	01.55	PO	SAFETY PURPOSE.
Bridgestone - Chakan II	IntraState	18/06/2018	02.55	18/06/2018	04.03	T	Distance Protection
Chakan (400kv)-Bridgestone	IntraState	18/06/2018	02.55	18/06/2018	04.03	T	Distance Protection
Lonand-Baramati	IntraState	18/06/2018	07.50	18/06/2018	18.31	PO	opgw work.
Deepnagar Bambhori	IntraState	18/06/2018	09.28	18/06/2018	16.53	PO	for string replacement.
Bhandara-Bhandara Rly Tss 1	IntraState	18/06/2018	10.25	18/06/2018	13.38	PO	string replacement.
220kv Halkarni- Tillary	IntraState	18/06/2018	10.58	18/06/2018	17.53	PO	for bus outage.
Halkarni-Mahalaxmiline	IntraState	18/06/2018	10.59	18/06/2018	17.54	PO	for bus outage.
Halkarni-Olam(Agro)	IntraState	18/06/2018	11.00	18/06/2018	17.52	PO	for bus outage.
Talandge(400)- Mudshingi 2 Line	IntraState	18/06/2018	11.48	18/06/2018	14.13	PO	c & delta testing.
Mumewadi -Halkarni I	IntraState	18/06/2018	12.05	18/06/2018	17.49	PO	for bus outage.
Mumewadi -Halkarni II	IntraState	18/06/2018	12.07	18/06/2018	17.50	PO	for bus outage.
Nigade- Peth Line	IntraState	18/06/2018	13.19	18/06/2018	15.50	PO	Relay Testing Work
Chakan (400kv)-Bridgestone	IntraState	18/06/2018	13.21	18/06/2018	16.19	PO	r phase string replacement 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		Continued.	HT	to control ict loading.
Kalwa - Mulund 2	IntraState	19/06/2018	04.33		Continued.	HT	to control ict loading.
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.
220KV/132KV ICT I @ Bhusawal II	IntraState	18/06/2018	10.36	18/06/2018	14.04	PO	Tan Delta Measurment of CTs
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	18/06/2018	10.43	18/06/2018	18.02	PO	Attending Oil Leakage
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	18/06/2018	12.22	18/06/2018	16.30	PO	rectifying the unwanted signals appeared on ctr panel.

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