

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jul/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.875	1790.227	1) Gujrat	-1.493	-47.316
2) Hydro	4.686	76.333	2) Madhya Pradesh	11.965	160.122
3) Gas	9.599	130.898	3) Chattisgarh	3.000	70.460
Total MSPGCL	149.160	1997.458	4) Maharashtra	106.478	1525.441
B) 1) APLM	75.190	932.825	5) Goa (Amona)	-0.418	-8.272
2) JSWEL	21.637	331.316	Total	119.532	1700.435
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.811	357.469
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	32.331	457.524
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.794	109.671
6) Other IPP	1.876	42.554	Include PX	-1.769	-97.557
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.811	357.469
C) 1) TPCL Thermal	12.861	205.181	Include PX	4.556	119.057
2) TPCL Hydro	5.300	67.242	Standby	0.000	0.000
3) TPCL Gas	4.130	59.729	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.450	152.012	1) MSEDCL	380.493	5437.513
D) STATE			2) Mumbai Discoms	64.072	941.691
1) Thermal	255.889	3457.772	TOTAL STATE	444.565	6379.204
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.986	143.575			
3) Gas (A3+B7+C3)	13.729	190.627			
4) Wind	39.517	813.461			
6) SOLAR	5.912	73.331			
TOTAL STATE	325.033	4678.766			

* 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	5502	5851	5936	5265
MSPGCL Hydro	104	194	215	50
MSPGCL Gas	391	392	396	400
MSPGCL Total Generation	5997	6437	6547	5715
Central Sector Receipt	5391	5275	5184	4769
WIND	1918	1901	1817	1289
CPP / IPP Thermal	4024	4155	4078	3735
CPP / IPP Gas	0	0	0	0
SOLAR	692	511	0	0
Exchange with Mumbai	-1771	-1671	-1427	-964
MSEDCL DEMAND MET	16251	16608	16199	14544
Load Shedding	0	0	0	0
MSEDCL DEMAND	16251	16608	16199	14544
TPCL GENERATION	1049	1047	1065	623
AEML GENERATION	372	377	377	373
MUMBAI DEMAND	3192	3095	2869	1960
STATE DEMAND MET	19443	19703	19068	16504
STATE DEMAND	19443	19703	19068	16504
Frequency (Hz)	50.00	50.01	49.98	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 08.00 Hrs	49.83 Hz at 22.11 Hrs	50.02	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 16/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	30.82	0	0
Unit 7	0.00	16.65	0	0
Unit 8	9.33	103.62	464	300
Unit 9	9.79	131.84	450	350
Unit 10	9.17	82.55	422	350
Total	28.29	365.47		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.11	154.04	500	360
Unit 5	9.78	147.74	490	355
Total	19.90	301.78		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.50	27.17	153	117
Unit 4	3.48	49.47	155	134
Unit 5	8.99	111.66	395	365
Unit 6	8.85	105.53	400	345
Unit 7	9.07	113.28	427	321
Unit 8	9.69	120.45	450	360
Unit 9	0.00	90.64	0	0
Total	43.57	618.20		
Paras				
Unit 3	4.79	80.44	254	150
Unit 4	4.15	57.19	232	130
Total	8.94	137.62		
Khaparkheda				
Unit 1	3.15	51.68	170	100
Unit 2	3.34	37.54	155	120
Unit 3	3.64	50.26	160	140
Unit 4	3.91	57.12	175	124
Unit 5	9.90	31.45	445	380
Total	23.94	228.04		
Nasik				
Unit 3	3.62	45.59	189	120
Unit 4	3.92	64.08	191	135
Unit 5	2.70	29.45	193	0
Total	10.23	139.12		
Uran				
All Units	9.60	130.90	424	385
Total	9.60	130.90		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.68	26.31	370	40
Stage 4	0.46	2.51	215	0
Stage 3	1.18	20.48	160	0
Total	3.32	49.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.00	5.36	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	6.57	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.12	2.68	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	1.92	10	9
GHATGHAR	0.65	9.34	205	0
Total	1.36	27.03		
Wind				
Total	39.52	813.46	0	0
Total	39.52	813.46		
CPP				
APML(Mus)	75.19	932.82	0	0
JSWEL(Mus)	21.64	331.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	1.88	42.55	0	0
Total	98.70	1310.35		
SOLAR				
Total	5.91	73.33	0	0
Total	5.91	73.33		
Tata				
Trombay 5	8.00	127.92	440	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	36.78	117	65
Trombay 7B	1.53	22.95	67	51
Trombay 8	4.86	77.26	227	195
TATA Hydro	5.30	67.24	390	10
Total	22.29	332.15		
AEML				
DTPS U-1&2	9.45	152.01	500	372
Total	9.45	152.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.88	1790.23	MSPGCL Total	149.16	1997.46
			MSPGCL Thml+Gas	144.47	1921.12	Koyna 1,2 & 4 Total	2.14	28.82
			MSPGCL Hydro	4.69	76.33	State Total	325.03	4678.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Jul/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	5835	135	401	6371	1431	4398	0	0	4314	4070	-1218	15052	0	15052	2377	17429	50.05
2	5521	135	411	6067	1206	4334	0	0	4321	4327	-1137	14797	0	14797	2180	16977	50.05
3	5305	80	392	5777	1211	4048	0	0	4534	4802	-1020	14818	0	14818	2047	16865	50.04
4	5265	50	400	5715	1289	3735	0	0	4638	4769	-964	14544	0	14544	1960	16504	50.04
5	5301	130	414	5845	1249	3888	0	0	4632	4816	-939	14859	0	14859	1937	16796	50.03
6	5494	144	403	6041	1296	4256	0	0	4830	4966	-858	15701	0	15701	2052	17753	50.04
7	5426	732	404	6562	1411	4133	0	46	5243	5270	-861	16561	0	16561	2191	18752	50.01
8	5426	502	407	6335	1271	4079	0	208	5512	5486	-952	16427	0	16427	2371	18798	50.01
9	5482	245	424	6151	1882	4052	0	444	5239	5296	-1262	16563	0	16563	2694	19257	50.05
10	5704	147	385	6236	1794	4022	0	555	5279	5177	-1530	16254	0	16254	2997	19251	49.94
11	5718	127	393	6238	1637	3994	0	669	5399	5278	-1739	16077	0	16077	3203	19280	50.02
12	5502	104	391	5997	1918	4024	0	692	5440	5391	-1771	16251	0	16251	3192	19443	50.00
13	5483	123	393	5999	1709	4092	0	740	5359	5384	-1690	16234	0	16234	3147	19381	50.02
14	5518	147	389	6054	1724	4070	0	714	5193	5340	-1648	16254	0	16254	3042	19296	50.02
15	5556	277	390	6223	1775	4062	0	709	5215	5329	-1665	16433	0	16433	3088	19521	49.99
16	5851	194	392	6437	1901	4155	0	511	5223	5275	-1671	16608	0	16608	3095	19703	50.01
17	5897	150	395	6442	2268	4181	0	401	5226	4900	-1646	16546	0	16546	3059	19605	50.03
18	5507	89	396	5992	2468	3916	0	190	5309	4993	-1604	15955	0	15955	2993	18948	50.04
19	5544	99	398	6041	2000	3738	0	33	5124	5134	-1509	15437	0	15437	2908	18345	50.04
20	5936	215	396	6547	1817	4078	0	0	5158	5184	-1427	16199	0	16199	2869	19068	49.98
21	5991	254	401	6646	1770	4295	0	0	5024	4864	-1381	16194	0	16194	2801	18995	50.03
22	5824	164	415	6403	1499	4380	0	0	4711	4862	-1323	15821	0	15821	2683	18504	50.01
23	5909	234	404	6547	1531	4397	0	0	4419	4459	-1288	15646	0	15646	2626	18272	49.95
24	5880	209	405	6494	1460	4376	0	0	4349	4160	-1228	15262	0	15262	2560	17822	49.97
MUs	134.87	4.69	9.60	149.16	39.52	98.70	0.00	5.91	119.69	119.53	-32.33	380.49	0.00	380.49	64.07	444.57	50.02

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 16/Jul/2019

Position as on 6.30 Hrs of 17/Jul/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 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
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	
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.(water shortage from 25/06/2019)	
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	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 6	210	11/07/2019	23.34		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 7	210	11/07/2019	23.45		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	13/07/2019	17.00		Continued.	ACW LINE LEAKAGE.	
MSPGCL	Nasik Unit 5	210	16/07/2019	02.10	16/07/2019	09.50	Generator Differential protection.	
MSPGCL	Koyana Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 17/Jul/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 II	InterState	27/06/2019	19.16		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	11/07/2019	18.31		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Dhule- Bableshwar - I	IntraState	13/07/2019	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/07/2019	17.39		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	16/07/2019	08.32	16/07/2019	10.02	PO	REPLACEMENT OF BROKEN SPACER CUM VIBRATION DAMPER.
Pune(GIS)-Talegaon(PG) Ckt 4	IntraState	16/07/2019	10.06	16/07/2019	16.57	EO	Annual Maintenance Work
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.
400/220kv 315 Mva ICT I @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Replay Under Les.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Relay Under Les.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	16/07/2019	08.13	16/07/2019	16.09	PO	DIGNOSTIC TESTING WORK.
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.
Boisar Tarapur	InterState	16/07/2019	17.53	16/07/2019	18.14	EO	BIRD NEST REMOVAL.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10		Continued.	T	Distance Protection
220kv Halkarni- Tillary	IntraState	15/07/2019	02.02	16/07/2019	05.54	T	Distance Protection
Nagothane-Wadkhal II	IntraState	16/07/2019	03.30	16/07/2019	20.00	T	Distance Protection, Z1, B-Ph, 2.3KM, 19.48KA.
Nagothane-Wadkhal-I	IntraState	16/07/2019	04.58	16/07/2019	10.05	HT	HEAVY SPARKING OBSERVED ON B-PHASE CT.
Chikhli-Jalna-I	IntraState	16/07/2019	08.13	16/07/2019	16.22	PO	IN VIEW OF OUTAGE AT AKOLA ICT-1.
Chikhli-Jalna-II	IntraState	16/07/2019	08.13	16/07/2019	16.22	PO	IN VIEW OF OUTAGE AT AKOLA ICT-1.
Nagothane - ACCIL	IntraState	16/07/2019	11.10	16/07/2019	19.03	PO	REPLACEMENET OF FLASHOVER STRING REPLACEMNT.
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	16/07/2019	12.35	16/07/2019	15.37	PO	SCADA WORKS AND DIAGNOSTIC TESTING WORK.
Kandalgaon - Sona Alloys	IntraState	16/07/2019	14.10	16/07/2019	16.45	PO	SUSPENSION CLAMP HARDWARE OPEN.
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	16/07/2019	15.44	16/07/2019	17.14	PO	SCADA WORKS AND DIAGNOSTIC TESTING WORK.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	16/07/2019	09.24	16/07/2019	11.30	PO	Attending Oil Leakage
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	16/07/2019	1.02	16/07/2019	14.30	PO	Quarterly Maintenance Work
220/132 KV ICT-2 @Nagar	IntraState	16/07/2019	10.30	16/07/2019	15.27	PO	OLTC 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 16/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 17/Jul/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--> Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER