

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jun/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.645	3118.415	1) Gujrat	-6.750	-55.938
2) Hydro	4.884	77.960	2) Madhya Pradesh	5.659	128.711
3) Gas	6.361	122.622	3) Chattisgarh	3.720	68.060
Total MSPGCL	164.890	3318.997	4) Maharashtra	123.653	2257.285
B) 1) APMIL	60.993	1412.015	5) Goa (Amona)	-0.418	-7.898
2) JSWEL	26.897	479.620	Total	125.864	2390.220
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.454	593.808
4) RPL(AMT)	17.600	352.184	b) Mumbai Drawl	30.915	725.887
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.800	194.134
6) Other IPP	7.300	139.710	Include PX	-3.907	-106.545
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.454	593.808
C) 1) TPCL Thermal	16.023	265.708	Include PX	6.431	241.740
2) TPCL Hydro	5.753	74.075	Standby	0.000	0.000
3) TPCL Gas	4.382	84.865	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.080	193.175	1) MSEDCL	411.284	8184.441
D) STATE			2) Mumbai Discoms	68.153	1343.712
1) Thermal	293.538	5960.827	TOTAL STATE	479.437	9528.153
(A1+C1+C4+(B1-B6))					
2) Hydro	10.637	152.035			
(A2+C2)					
3) Gas	10.743	207.487			
(A3+B7+C3)					
4) Wind	32.561	693.529			
6) SOLAR	6.094	124.053			
TOTAL STATE	353.573	7137.931			

* 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	6286	6649	6430	6375
MSPGCL Hydro	145	113	310	39
MSPGCL Gas	253	256	255	262
MSPGCL Total Generation	6684	7018	6995	6676
Central Sector Receipt	6311	5422	4863	4747
WIND	834	1358	2400	1203
CPP / IPP Thermal	4821	5041	4773	4236
CPP / IPP Gas	0	0	0	0
SOLAR	767	515	0	0
Exchange with Mumbai	-1558	-1522	-1544	-769
MSEDCL DEMAND MET	17859	17832	17487	16093
Load Shedding	0	0	0	0
MSEDCL DEMAND	17859	17832	17487	16093
TPCL GENERATION	1329	1351	1065	888
AEML GENERATION	498	500	375	499
MUMBAI DEMAND	3385	3373	2984	2156
STATE DEMAND MET	21244	21205	20471	18249
STATE DEMAND	21244	21205	20471	18249
Frequency (Hz)	49.96	50.08	49.83	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 15.35 Hrs	49.7 Hz at 19.29 Hrs	49.98	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 20/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.42	68.72	150	130
Unit 7	3.14	51.88	148	119
Unit 8	6.98	170.36	365	210
Unit 9	9.34	191.02	450	300
Unit 10	8.32	188.73	401	300
Total	31.20	670.71		
Bhusawal				
Unit 3	0.00	12.44	0	0
Unit 4	11.50	197.42	505	360
Unit 5	10.02	173.10	500	350
Total	21.52	382.95		
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	4.49	85.88	189	184
Unit 4	4.28	67.94	181	175
Unit 5	10.00	188.21	424	410
Unit 6	10.76	197.96	460	430
Unit 7	0.00	145.71	0	0
Unit 8	11.31	216.91	490	455
Unit 9	11.36	211.56	490	454
Total	52.20	1114.18		
Paras				
Unit 3	6.00	113.34	260	239
Unit 4	6.05	110.59	257	250
Total	12.06	223.93		
Khaparkheda				
Unit 1	2.64	60.48	140	60
Unit 2	2.54	55.52	140	100
Unit 3	3.90	70.97	178	125
Unit 4	3.87	71.23	172	140
Unit 5	10.46	215.19	440	430
Total	23.42	473.38		
Nasik				
Unit 3	4.48	81.76	195	163
Unit 4	4.74	81.18	208	167
Unit 5	4.04	78.57	179	160
Total	13.25	241.50		
Uran				
All Units	6.36	122.62	275	253
Total	6.36	122.62		
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	2.08	29.64	380	25
Stage 4	0.00	0.34	0	0
Stage 3	0.54	7.83	160	0
Total	2.62	37.81		
Hydro				
KDPH	0.28	6.07	17	9
VTRNA	0.81	13.95	61	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	4.10	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.11	1.18	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	1.95	0	0
GHATGHAR	0.66	10.23	125	0
Total	2.26	40.15		
Wind				
Total	32.56	693.53	0	0
Total	32.56	693.53		
CPP				
APML(Mus)	60.99	1412.02	0	0
JSWEL(Mus)	26.90	479.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	17.60	352.18	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.30	139.71	0	0
Total	112.79	2383.53		
SOLAR				
Total	6.09	124.05	0	0
Total	6.09	124.05		
Tata				
Trombay 5	10.76	167.23	482	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	53.81	118	115
Trombay 7B	1.60	31.05	67	66
Trombay 8	5.26	98.48	232	199
TATA Hydro	5.75	74.08	459	19
Total	26.16	424.65		
AEML				
DTPS U-1&2	11.08	193.18	501	373
Total	11.08	193.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.64	3118.42	MSPGCL Total	164.89	3319.00
			MSPGCL Thml+Gas	160.01	3241.04	Koyna 1,2 & 4 Total	2.08	29.98
			MSPGCL Hydro	4.88	77.96	State Total	353.57	7137.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	6367	503	267	7137	1429	4304	0	0	4883	5118	-1195	16793	0	16793	2625	19418	49.87
2	6367	464	272	7103	1248	4355	0	0	4730	4649	-1015	16340	0	16340	2407	18747	50.01
3	6383	63	274	6720	1158	4334	0	0	4847	4987	-896	16303	0	16303	2260	18563	50.04
4	6375	39	262	6676	1203	4236	0	0	4886	4747	-769	16093	0	16093	2156	18249	50.03
5	6379	34	275	6688	1085	4266	0	0	4868	5058	-890	16207	0	16207	2093	18300	50.01
6	6373	153	273	6799	1123	4538	0	0	4946	5483	-809	17134	0	17134	2157	19291	49.96
7	6420	315	273	7008	783	4605	0	54	5461	5902	-839	17513	0	17513	2225	19738	49.94
8	6422	422	275	7119	793	4695	0	203	5162	5695	-983	17522	0	17522	2388	19910	50.05
9	6435	150	271	6856	802	4684	0	444	5526	5681	-1120	17347	0	17347	2708	20055	50.03
10	6405	140	257	6802	814	4721	0	635	5332	5702	-1284	17390	0	17390	3045	20435	49.96
11	6323	155	266	6744	818	4768	0	801	5649	5642	-1470	17303	0	17303	3297	20600	50.03
12	6286	145	253	6684	834	4821	0	767	5929	6311	-1558	17859	0	17859	3385	21244	49.96
13	6346	145	262	6753	667	4894	0	723	6025	6051	-1518	17570	0	17570	3341	20911	49.95
14	6422	160	253	6835	800	4998	0	726	5477	5781	-1452	17688	0	17688	3261	20949	50.02
15	6506	133	263	6902	1234	5055	0	636	5545	5521	-1498	17850	0	17850	3339	21189	50.02
16	6649	113	256	7018	1358	5041	0	515	5585	5422	-1522	17832	0	17832	3373	21205	50.08
17	6545	108	263	6916	1998	4804	0	346	5716	5196	-1560	17700	0	17700	3324	21024	50.00
18	6323	118	254	6695	2299	4615	0	207	4910	4834	-1663	16987	0	16987	3208	20195	49.93
19	6231	169	267	6667	2243	4604	0	37	4449	4180	-1567	16164	0	16164	3024	19188	49.96
20	6430	310	255	6995	2400	4773	0	0	4376	4863	-1544	17487	0	17487	2984	20471	49.83
21	6361	259	269	6889	2153	4894	0	0	4595	4499	-1532	16903	0	16903	2928	19831	49.93
22	6433	274	258	6965	1899	4971	0	0	4414	4496	-1419	16912	0	16912	2850	19762	49.96
23	6433	261	271	6965	1837	4904	0	0	4745	4943	-1445	17204	0	17204	2883	20087	49.98
24	6431	251	272	6954	1583	4910	0	0	4969	5103	-1367	17183	0	17183	2892	20075	49.97
MUs	153.64	4.88	6.36	164.89	32.56	112.79	0.00	6.09	123.03	125.86	-30.92	411.28	0.00	411.28	68.15	479.44	49.98

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 20/Jun/2019

Position as on 6.30 Hrs of 21/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	20/06/2019	03.29	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/06/2019	00.00	20/06/2019	10.48	Zero Schedule	
IPP	RPL(AMT) U-2	270	14/06/2019	00.00	20/06/2019	05.03	Zero Schedule.	
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	Chandrapur Unit 7	500	18/06/2019	15.41		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 21/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 II	InterState	19/06/2019	18.16	20/06/2019	10.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/06/2019	19.22		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/06/2019	20.41	20/06/2019	06.41	HT	Over Voltage
Padghe - Kalwa-II	IntraState	20/06/2019	06.50	20/06/2019	10.23	EO	Attend Y-Ph IPS Tube Hole.
Koradi-Bhusawal	IntraState	20/06/2019	10.29	20/06/2019	18.41	PO	Replacement of Faulty Insulator String.
Khadka-Aurangabad (Waluj)	IntraState	20/06/2019	18.53		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.
400/220kv 315MVA ICT 2 @ Chandrapur GCR	IntraState	20/06/2019	13.39	20/06/2019	19.59	EO	Attending Hot Spot
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.
EKLAHARE (OCR) Nasik - Navsari I	InterState	20/06/2019	11.23	20/06/2019	15.52	PO	Insulator String Replacement.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Mahad - Pedambe	IntraState	20/06/2019	09.00		Continued.	PO	Erection Stringing of Inline Tower of Proposed Kalambani Traction Substation.
Adlabs - Pedambe	IntraState	20/06/2019	09.05		Continued.	PO	Erection Stringing of Inline Tower of Proposed Kalambani Traction Substation.
Ambazari-Amravati	IntraState	20/06/2019	09.18	20/06/2019	16.10	PO	Line Maintenance work
Parli New Tps - Beed Ckt 1	IntraState	20/06/2019	09.40	20/06/2019	13.36	PO	CRM Timing of Breaker.
JEJURI (400 Kv) - GIS KONDHWA	IntraState	20/06/2019	09.45	20/06/2019	15.07	PO	Replacement of Pilot Insulator String At LOC No.1 to 4.
Washala - Ghatghar	IntraState	20/06/2019	09.50	20/06/2019	18.28	PO	Insulator Replacement Work
Ghatghar - Jindal	IntraState	20/06/2019	10.26	20/06/2019	18.47	PO	Insulator Replacement Work
Chinchwad-Hinjewadi I	IntraState	20/06/2019	10.32	20/06/2019	15.13	HT	Load Management Outage On 220KV Bhosari-Lonikand 2 Line.
Mumewadi -Halkarni ckt-I	IntraState	20/06/2019	10.45	20/06/2019	13.10	PO	Tan Delta Testing And Diagnostic Testing Work.
Badnera Tss-I	IntraState	20/06/2019	11.10	20/06/2019	16.53	PO	Replacement of Distance Relay.
Bhigwan-Baramat Iagro	IntraState	20/06/2019	11.10	20/06/2019	13.11	PO	Attend CT Leakage.
Lonikand2 - Bhosari1	IntraState	20/06/2019	11.11	20/06/2019	15.06	PO	Half yearly maintenance work
Balapur-Akola I	IntraState	20/06/2019	11.48		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola li	IntraState	20/06/2019	11.49		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Chandrapur GCR - Warora - I	IntraState	20/06/2019	13.17	20/06/2019	20.19	HT	Outage On 315MVA Ict 2 At Chandrapur GCR.
Chandrapur GCR - Wani	IntraState	20/06/2019	13.18	20/06/2019	20.27	HT	Outage On 315MVA Ict 2 At Chandrapur GCR.
Nerul-Trombay	IntraState	20/06/2019	13.25	20/06/2019	14.15	EO	Tree Cutting.
Padgha - Temghar I	IntraState	20/06/2019	13.27	20/06/2019	15.39	T	Distance Protection, Z1, R-Ph To E/F, 6.713KA, 10.5KM From Padghe (Crow Fault At loc.no.52)
Parli New Tps - Beed Ckt 2	IntraState	20/06/2019	13.38	20/06/2019	16.43	PO	CRM Timing of Breaker.

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 20/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 21/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mumewadi -Halkarni ckt-II	IntraState	20/06/2019	13.50	20/06/2019	16.46	PO	Tan Delta Testing And Diagnostic Testing Work.
Trombay - Kalwa	IntraState	20/06/2019	21.04	20/06/2019	23.46	EO	Red Hot Attending Work.