

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jul/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.140	1854.475	1) Gujrat	3.311	79.421
2) Hydro	8.807	146.601	2) Madhya Pradesh	10.264	193.150
3) Gas	2.717	51.995	3) Chattisgarh	5.620	96.370
Total MSPGCL	133.664	2053.071	4) Maharashtra	103.731	2052.931
B) 1) APMIL	29.033	459.196	5) Goa (Amona)	0.000	-2.222
2) JSWEL	15.894	302.873	Total	122.926	2419.650
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.024	455.529
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.758	439.566
5) WPCL	8.286	119.652	c) MSEDCL Bilateral *	23.253	589.668
6) Other IPP	7.982	125.653	Include PX	0.886	103.671
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.024	455.529
C) 1) TPCL Thermal	8.220	137.424	Include PX	15.024	301.093
2) TPCL Hydro	5.337	84.141	Standby	0.000	0.000
3) TPCL Gas	3.117	63.246	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.207	87.790	1) MSEDCL	322.937	5744.962
D) STATE			2) Mumbai Discoms	43.638	812.167
1) Thermal	196.762	3087.063	TOTAL STATE	366.575	6557.129
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.144	230.742			
3) Gas (A3+B7+C3)	5.834	115.241			
4) Wind	19.987	607.438			
6) SOLAR	6.923	96.995			
TOTAL STATE	243.650	4137.479			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5547	5022	5046	4851
MSPGCL Hydro	219	399	1315	93
MSPGCL Gas	113	111	114	114
MSPGCL Total Generation	5879	5532	6475	5058
Central Sector Receipt	5867	5836	4631	4285
WIND	733	828	911	889
CPP / IPP Thermal	2666	2479	2758	2112
CPP / IPP Gas	0	0	0	0
SOLAR	730	716	0	0
Exchange with Mumbai	-1113	-1219	-709	-736
MSEDCL DEMAND MET	14762	14172	14066	11608
Load Shedding	0	0	0	0
MSEDCL DEMAND	14762	14172	14066	11608
TPCL GENERATION	628	617	1001	526
AEML GENERATION	202	190	251	189
MUMBAI DEMAND	1943	2026	1961	1451
STATE DEMAND MET	16705	16198	16027	13059
STATE DEMAND	16705	16198	16027	13059
Frequency (Hz)	50.02	49.93	49.97	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.01 Hrs	49.78 Hz at 13.10 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/Jul/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.04	40.55	520	370
Unit 9	10.35	192.14	490	278
Unit 10	9.10	178.44	450	327
Total	30.48	411.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.28	20.44	500	355
Unit 5	0.00	0.00	0	0
Total	10.28	20.44		
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	2.07	57.23	180	0
Unit 4	3.76	65.60	160	156
Unit 5	8.50	159.12	395	295
Unit 6	9.25	141.89	425	350
Unit 7	9.16	159.95	422	345
Unit 8	9.25	171.57	410	360
Unit 9	9.65	143.41	450	360
Total	51.65	898.76		
Paras				
Unit 3	4.56	82.20	220	150
Unit 4	4.19	84.72	203	148
Total	8.75	166.91		
Khaparkheda				
Unit 1	3.23	62.94	150	110
Unit 2	0.00	0.00	0	0
Unit 3	4.42	69.44	195	160
Unit 4	4.02	73.58	175	160
Unit 5	9.31	151.26	435	330
Total	20.98	357.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	2.72	52.00	116	105
Total	2.72	52.00		
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)	0.65	4.50	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.65	4.50		
Koyna				
Stage 1-2	2.35	53.46	405	30
Stage 4	2.82	29.48	812	0
Stage 3	1.56	28.51	240	0
Total	6.73	111.45		
Hydro				
KDPH	0.58	12.81	34	0
VTRNA	0.00	0.00	0	0
TILLARI	0.30	9.00	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	6.60	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.05	0.68	16	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.68	5.44	29	28
GHATGHAR	0.00	0.00	0	0
Total	2.08	35.15		
Wind				
Total	19.99	607.44	0	0
Total	19.99	607.44		
CPP				
APML(Mus)	29.03	459.20	0	0
JSWEL(Mus)	15.89	302.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.29	119.65	0	0
Other(Mus)	7.98	125.65	0	0
Total	61.20	1007.37		
SOLAR				
Total	6.92	97.00	0	0
Total	6.92	97.00		
Tata				
Trombay 5	8.22	137.42	419	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.83	38.79	93	73
Trombay 7B	1.28	24.46	58	52
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.34	84.14	435	68
Total	16.67	284.81		
AEML				
DTPS U-1&2	5.21	87.79	252	189
Total	5.21	87.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.14	1854.48	MSPGCL Total	133.66	2053.07
			MSPGCL Thml+Gas	124.86	1906.47	Koyna 1,2 & 4 Total	5.17	82.94
			MSPGCL Hydro	8.81	146.60	State Total	243.65	4137.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Jul/2020

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	4787	103	115	5005	1107	2495	0	0	4437	4260	-834	12033	0	12033	1642	13675	49.96
2	4814	98	115	5027	1030	2181	0	0	4506	4152	-812	11578	0	11578	1560	13138	49.99
3	4892	103	116	5111	881	2076	0	0	4407	4426	-774	11720	0	11720	1500	13220	49.97
4	4851	93	114	5058	889	2112	0	0	4470	4285	-736	11608	0	11608	1451	13059	49.94
5	4941	103	115	5159	905	2248	0	0	4611	4739	-752	12299	0	12299	1438	13737	49.95
6	5155	113	115	5383	804	2631	0	0	4869	4764	-730	12852	0	12852	1464	14316	49.96
7	5240	395	105	5740	684	2763	0	50	5046	5201	-615	13823	0	13823	1504	15327	49.99
8	5375	589	115	6079	602	2824	0	247	5228	5490	-652	14590	0	14590	1596	16186	50.02
9	5515	214	114	5843	605	2717	0	542	5547	5724	-810	14621	0	14621	1757	16378	50.00
10	5547	219	113	5879	733	2666	0	730	5761	5867	-1113	14762	0	14762	1943	16705	50.02
11	5263	214	113	5590	730	2578	0	834	6031	6000	-1289	14443	0	14443	2069	16512	49.98
12	5186	198	113	5497	647	2525	0	838	6098	6057	-1324	14240	0	14240	2124	16364	49.99
13	4937	186	112	5235	795	2435	0	843	6058	5974	-1284	13998	0	13998	2075	16073	49.97
14	4958	167	111	5236	667	2439	0	784	6011	5865	-1265	13726	0	13726	2054	15780	49.94
15	5022	399	111	5532	828	2479	0	716	5835	5836	-1219	14172	0	14172	2026	16198	49.93
16	5130	237	111	5478	798	2622	0	601	5577	5569	-1088	13980	0	13980	2013	15993	49.96
17	5224	214	112	5550	954	2700	0	492	5325	5240	-999	13937	0	13937	1966	15903	50.01
18	5144	256	112	5512	865	2592	0	184	5180	5224	-926	13451	0	13451	1912	15363	50.02
19	5143	489	113	5745	729	2440	0	62	5111	5226	-876	13326	0	13326	1893	15219	49.97
20	5136	1260	113	6509	861	2576	0	0	4863	4783	-750	13979	0	13979	1966	15945	49.90
21	5046	1315	114	6475	911	2758	0	0	4777	4631	-709	14066	0	14066	1961	16027	49.97
22	4971	932	114	6017	964	2788	0	0	4524	4514	-701	13582	0	13582	1934	15516	49.97
23	4938	734	116	5788	960	2770	0	0	4440	4464	-734	13248	0	13248	1909	15157	49.98
24	4925	176	115	5216	1038	2780	0	0	4456	4635	-766	12903	0	12903	1882	14785	49.97
MUs	122.14	8.81	2.72	133.66	19.99	61.19	0.00	6.92	123.17	122.93	-21.76	322.94	0.00	322.94	43.64	366.58	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/Jul/2020

Position as on 6.30 Hrs of 19/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna Unit 4	70	16/07/2020	11.05		Continued.	Service Seal Leakage	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Jul/2020

Position as on 6.30 Hrs of 19/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 3	210	18/07/2020	12.15		Continued.	PA Fan problem	
MSPGCL	Khaparkheda Unit 3	210	19/07/2020	23.48		Continued.	Drum Level Very Low Protection Alaram.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 19/Jul/2020

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	14/07/2020	11.28	18/07/2020	06.24	HT	In View of Bus Outage at SSNL End.
Dhule Sar'Sarovar I	InterState	18/07/2020	18.58		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	09/07/2020	21.01		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/07/2020	17.11		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/07/2020	16.13		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	15/07/2020	19.17		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	17/07/2020	21.07	18/07/2020	10.53	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/07/2020	21.22	18/07/2020	09.19	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	17/07/2020	23.41	18/07/2020	09.51	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/07/2020	20.55		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	18/07/2020	22.14		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/07/2020	23.11	19/07/2020	09.41	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.
400/220kv 315 Mva ICT II @Karad	IntraState	13/07/2020	09.14	19/07/2020	23.45	PO	Modification in wiring with respect to RRS scheme
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	16/07/2020	21.05	18/07/2020	11.53	HT	Over Voltage
400/220kv 315MVA ICT-III @ Kharghar	IntraState	17/07/2020	11.16		Continued.	EO	For Replacement of faulty cable from FCC To PRV 1 & 2 & RRR.
400/220/33kv 315mva lct3 @Lonikand	IntraState	18/07/2020	16.43	19/07/2020	00.53	EO	DC Leakages Attending work.
400/220kv 315 Mva ICT III @Karad	IntraState	18/07/2020	21.40	19/07/2020	07.01	T	HV side LA burst.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Mahalakshmi Amona	InterState	18/07/2020	20.55	18/07/2020	21.53	T	Distance Protection
Tillari Amona	InterState	18/07/2020	20.58	19/07/2020	13.32	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Sawantwadi-Bidri	IntraState	17/07/2020	21.10	18/07/2020	10.10	HT	Over Voltage
Nagothane - ACCIL	IntraState	18/07/2020	09.49	18/07/2020	17.15	EO	Emergency outage ssyring replacement work.
Bableswhar -Ahamadnagar-I	IntraState	18/07/2020	10.21	18/07/2020	19.54	PO	Red hot attend work between location no 7-8 on 220KV Jeur tap.
Ongc Panvel - Tss Panvel	IntraState	18/07/2020	10.30	18/07/2020	18.37	PO	Bph LA Replacement and Breaker Maintenance work.
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	18/07/2020	10.56	18/07/2020	12.47	PO	Relay testing work.
BHUGAON WARORA CKT-II	IntraState	18/07/2020	11.09	18/07/2020	15.18	PO	Alignment of Isolators.
220kv Halkarni- Tillary	IntraState	18/07/2020	20.58	18/07/2020	21.42	T	Distance Protection
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	19/07/2020	10.40	19/07/2020	14.44	PO	LLBU testing,M1 & M2 protection trials.
Talegaon (Ambi)-General Motors	IntraState	19/07/2020	10.45	19/07/2020	16.45	PO	Half yearly maintenance work
Kandalgaon - Koyna (Pophali)	IntraState	19/07/2020	17.40	19/07/2020	20.05	T	Bus section 1 operated at pophali.

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/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 19/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Koyna (Pophali) - Kdph	IntraState	19/07/2020	17.40	19/07/2020	23.10	T	Bus section 1 operated at pophali.
Pedambe-Pophali	IntraState	19/07/2020	17.40	19/07/2020	19.35	T	Bus section 1 operated at pophali.
Bapgaon - Kalwa	IntraState	19/07/2020	18.32	19/07/2020	22.23	T	Rphase LA decapped at Bapgaon end.
Sawantwadi-Bidri	IntraState	19/07/2020	22.10		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/33 KV 50MVA T/F-I @ Bridgestone	IntraState	19/07/2020	07.58	19/07/2020	18.05	PO	Yearly maintenance, diagnostic testing, annul relay testing and TF OLTC.