

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.378	118.378	1) Gujrat	5.666	5.666
2) Hydro	7.796	7.796	2) Madhya Pradesh	9.926	9.926
3) Gas	3.301	3.301	3) Chattisgarh	5.320	5.320
Total MSPGCL	129.475	129.475	4) Maharashtra	107.364	107.364
B) 1) APML	60.503	60.503	5) Goa (Amona)	-0.022	-0.022
2) JSWEL	16.498	16.498	Total	128.254	128.254
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.257	24.257
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.392	25.392
5) WPCL	2.319	2.319	c) MSEDCL Bilateral *	43.934	43.934
6) Other IPP	7.413	7.413	Include PX	18.370	18.370
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.257	24.257
C) 1) TPCL Thermal	7.402	7.402	Include PX	17.503	17.503
2) TPCL Hydro	4.633	4.633	Standby	0.000	0.000
3) TPCL Gas	4.386	4.386	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.379	9.379	1) MSEDCL	337.106	337.106
D) STATE			2) Mumbai Discoms	51.192	51.192
1) Thermal	221.892	221.892	TOTAL STATE	388.298	388.298
(A1+C1+C4+(B1-B6))					
2) Hydro	12.429	12.429			
(A2+C2)					
3) Gas	7.687	7.687			
(A3+B7+C3)					
4) Wind	13.043	13.043			
6) SOLAR	4.993	4.993			
TOTAL STATE	260.044	260.044			

* 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 22 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	4840	4704	5001	4984
MSPGCL Hydro	608	251	136	121
MSPGCL Gas	132	130	134	145
MSPGCL Total Generation	5580	5085	5271	5250
Central Sector Receipt	5853	7018	4856	4129
WIND	456	259	389	995
CPP / IPP Thermal	3655	3940	4016	3297
CPP / IPP Gas	0	0	0	0
SOLAR	675	633	0	144
Exchange with Mumbai	-1135	-958	-859	-984
MSEDCL DEMAND MET	15084	15977	13673	12831
Load Shedding	0	0	0	0
MSEDCL DEMAND	15084	15977	13673	12831
TPCL GENERATION	581	873	843	531
AEML GENERATION	375	375	502	374
MUMBAI DEMAND	2091	2206	2204	1889
STATE DEMAND MET	17175	18183	15877	14720
STATE DEMAND	17175	18183	15877	14720
Frequency (Hz)	49.98	50.00	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 05:03 Hrs	49.81 Hz at 22:13 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 01/Jun/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	0.00	0.00	0	0
Unit 9	10.86	10.86	465	420
Unit 10	7.71	7.71	460	9
Total	18.56	18.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	2.50	2.50	360	0
Unit 5	4.40	4.40	365	0
Total	6.91	6.91		
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	2.61	2.61	210	0
Total	2.61	2.61		
Chandrapur				
Unit 3	3.84	3.84	177	140
Unit 4	3.54	3.54	155	140
Unit 5	9.24	9.24	424	360
Unit 6	9.10	9.10	450	190
Unit 7	9.39	9.39	455	355
Unit 8	9.60	9.60	480	360
Unit 9	9.42	9.42	457	360
Total	54.14	54.14		
Paras				
Unit 3	4.99	4.99	250	88
Unit 4	5.27	5.27	257	194
Total	10.26	10.26		
Khaparkheda				
Unit 1	3.97	3.97	180	150
Unit 2	4.08	4.08	190	160
Unit 3	4.12	4.12	195	158
Unit 4	4.01	4.01	176	160
Unit 5	9.73	9.73	480	365
Total	25.90	25.90		
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	3.30	3.30	145	130
Total	3.30	3.30		
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)	0.16	0.16	34	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.16		
Koyna				
Stage 1-2	3.60	3.60	555	45
Stage 4	1.02	1.02	561	0
Stage 3	0.52	0.52	160	0
Total	5.13	5.13		
Hydro				
KDPH	0.70	0.70	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.54	0.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	0.32	77	0
RNGR+BHTSA	0.26	0.26	11	10
BHANDARDRA	0.43	0.43	33	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	0.42	26	15
GHATGHAR	0.00	0.00	0	0
Total	2.67	2.67		
Wind				
Total	13.04	13.04	0	0
Total	13.04	13.04		
CPP				
APML(Mus)	60.50	60.50	0	0
JSWEL(Mus)	16.50	16.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.32	2.32	0	0
Other(Mus)	7.41	7.41	0	0
Total	86.73	86.73		
SOLAR				
Total	4.99	4.99	0	0
Total	4.99	4.99		
Tata				
Trombay 5	7.40	7.40	341	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	2.81	118	116
Trombay 7B	1.58	1.58	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.63	4.63	399	15
Total	16.42	16.42		
AEML				
DTPS U-1&2	9.38	9.38	502	373
Total	9.38	9.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.38	118.38	MSPGCL Total	129.48	129.48
			MSPGCL Thml+Gas	121.68	121.68	Koyna 1,2 & 4 Total	4.61	4.61
			MSPGCL Hydro	7.80	7.80	State Total	260.04	260.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jun/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	5220	122	132	5474	549	3493	0	0	5767	5348	-1273	13591	0	13591	2522	16113	50.05
2	5326	117	143	5586	346	3335	0	0	5576	5369	-1226	13410	0	13410	2410	15820	50.02
3	5342	127	133	5602	490	3350	0	0	5597	4898	-1350	12990	0	12990	2290	15280	50.03
4	5353	112	143	5608	532	3340	0	0	5469	4765	-1299	12946	0	12946	2200	15146	50.06
5	5328	112	133	5573	790	3332	0	0	5261	4259	-1214	12740	0	12740	2119	14859	50.04
6	5340	139	143	5622	913	3313	0	1	5244	4150	-1125	12874	0	12874	2049	14923	50.07
7	5268	131	133	5532	1171	3318	0	33	5079	4166	-1001	13219	0	13219	1921	15140	50.05
8	4984	121	145	5250	995	3297	0	144	5084	4129	-984	12831	0	12831	1889	14720	50.02
9	4912	306	144	5362	943	3309	0	296	4103	4294	-1005	13199	0	13199	1909	15108	50.01
10	4871	1272	134	6277	610	3323	0	449	3911	4483	-1082	14060	0	14060	1959	16019	50.04
11	4877	1244	143	6264	477	3362	0	638	5040	4928	-1154	14515	0	14515	2035	16550	50.03
12	4840	608	132	5580	456	3655	0	675	5834	5853	-1135	15084	0	15084	2091	17175	49.98
13	4245	291	141	4677	463	3615	0	711	6970	6762	-1141	15087	0	15087	2110	17197	49.95
14	4056	422	131	4609	306	3717	0	692	7007	7219	-973	15570	0	15570	2138	17708	50.02
15	4704	251	130	5085	259	3940	0	633	6994	7018	-958	15977	0	15977	2206	18183	50.00
16	4869	249	140	5258	146	3921	0	358	7089	7211	-972	15922	0	15922	2225	18147	50.03
17	4939	458	132	5529	225	3965	0	233	6666	6666	-904	15714	0	15714	2131	17845	50.05
18	4792	283	141	5216	671	3958	0	99	5524	5677	-866	14755	0	14755	1992	16747	50.03
19	4369	498	133	5000	863	3604	0	31	5133	5219	-1000	13717	0	13717	1912	15629	49.98
20	4924	322	133	5379	485	3818	0	0	4746	4939	-925	13696	0	13696	2023	15719	50.05
21	4976	187	142	5305	251	3926	0	0	4961	4837	-760	13559	0	13559	2128	15687	50.03
22	5001	136	134	5271	389	4016	0	0	5065	4856	-859	13673	0	13673	2204	15877	50.00
23	4971	109	143	5223	417	3938	0	0	5414	5446	-1036	13988	0	13988	2316	16304	49.93
24	4871	179	143	5193	296	3888	0	0	5564	5762	-1150	13989	0	13989	2413	16402	49.98
MUs	118.38	7.80	3.30	129.47	13.04	86.73	0.00	4.99	133.10	128.25	-25.39	337.11	0.00	337.11	51.19	388.30	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 01/Jun/2020

Position as on 6.30 Hrs of 02/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	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.	
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.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No 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.	Shaft position	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Koyna STG-IV Unit-3	250	28/05/2020	11.30	02/06/2020	12.25	Valve Replacement Work.	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Jun/2020

Position as on 6.30 Hrs of 02/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							super heater.	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 10	660	01/06/2020	12.06	01/06/2020	13.50	Flame Failure	
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	
MSPGCL	Paras Unit 3	250	01/06/2020	23.25	02/06/2020	01.46	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	31/05/2020	23.11	01/06/2020	00.13	T	Distance Protection
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	30/05/2020	18.00		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	01/06/2020	12.05	01/06/2020	17.20	EO	R Phase CT Replacement work
Khadka-Aurangabad (Waluj)	IntraState	31/05/2020	17.29		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	31/05/2020	18.05	01/06/2020	09.43	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/05/2020	19.18		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	01/06/2020	01.53	01/06/2020	11.29	T	Distance Protection
New Koyana - Dabhol - II	IntraState	02/06/2020	04.28		Continued.	T	Distance Protection
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 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
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)
PARLY (PG) - OLD GCR PARLI	InterState	01/06/2020	20.18	02/06/2020	06.14	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Trombay - Kalwa	IntraState	01/06/2020	06.45	01/06/2020	16.45	T	Distance Protection
Cable Borivli Aarey 1	IntraState	01/06/2020	08.46	01/06/2020	14.52	EO	Cable jointing work at Magathane by DMRC
Bus @ Lote	IntraState	01/06/2020	09.12	01/06/2020	19.02	PO	Maintenance Work
Trombay MSETCL Tie 1	IntraState	01/06/2020	10.11	01/06/2020	16.43	PO	Testing Work
Topworth - Kharghar	IntraState	01/06/2020	12.05	01/06/2020	17.26	PO	Repairing of Damaged conductor at multicircuit
Kharghar - Tss Panvel	IntraState	01/06/2020	12.43	01/06/2020	16.52	PO	Repairing of Damaged jumper at multicircuit
Niwali - Pawas Line	IntraState	01/06/2020	18.28		Continued.	T	Insulator String Decapped
Harangul-Parly	IntraState	01/06/2020	20.18	02/06/2020	06.04	T	Distance Protection
JATH SHEDYAL	IntraState	01/06/2020	22.27		Continued.	HT	Distance Protection
220 KV ICT Outages/Trippings							
220/33kv 50mva Ptr 2 @Kathapur	IntraState	01/06/2020	10.20	01/06/2020	17.30	EO	Provision of bird guard to transformer LV ganty insulator string
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	01/06/2020	16.56	01/06/2020	17.23	EO	Premonsoon Maintenance work
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	01/06/2020	09.20	01/06/2020	16.23	PO	Tree Trimming

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