

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jun/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.900	1099.511	1) Gujrat	3.167	42.031
2) Hydro	9.993	112.647	2) Madhya Pradesh	8.355	78.660
3) Gas	3.356	32.165	3) Chattisgarh	5.460	66.050
Total MSPGCL	115.249	1244.323	4) Maharashtra	128.724	1313.245
B) 1) APLM	36.074	559.390	5) Goa (Amona)	-0.088	-2.244
2) JSWEL	18.329	200.944	Total	145.618	1497.742
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.630	239.716
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.130	219.972
5) WPCL	2.698	30.639	c) MSEDCL Bilateral *	46.531	440.577
6) Other IPP	7.224	98.301	Include PX	21.147	143.740
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.630	239.716
C) 1) TPCL Thermal	9.230	93.620	Include PX	14.259	155.334
2) TPCL Hydro	4.766	53.397	Standby	0.000	0.000
3) TPCL Gas	4.394	52.851	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.987	122.442	1) MSEDCL	326.411	3811.312
D) STATE			2) Mumbai Discoms	48.507	542.277
1) Thermal	186.442	2204.847	TOTAL STATE	374.918	4353.589
(A1+C1+C4+(B1-B6))					
2) Hydro	14.759	166.044			
(A2+C2)					
3) Gas	7.750	85.016			
(A3+B7+C3)					
4) Wind	15.628	329.627			
6) SOLAR	4.721	70.318			
TOTAL STATE	229.300	2855.852			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4283	4199	4234	4320
MSPGCL Hydro	444	316	869	156
MSPGCL Gas	143	131	144	146
MSPGCL Total Generation	4870	4646	5247	4622
Central Sector Receipt	7026	7690	5543	4973
WIND	600	471	1016	437
CPP / IPP Thermal	2731	2395	2461	3042
CPP / IPP Gas	0	0	0	0
SOLAR	534	674	0	0
Exchange with Mumbai	-791	-997	-805	-862
MSEDCL DEMAND MET	14970	14879	13462	12212
Load Shedding	0	0	0	0
MSEDCL DEMAND	14970	14879	13462	12212
TPCL GENERATION	742	779	719	562
AEML GENERATION	501	501	501	374
MUMBAI DEMAND	2034	2277	2025	1798
STATE DEMAND MET	17004	17156	15487	14010
STATE DEMAND	17004	17156	15487	14010
Frequency (Hz)	50.00	50.00	49.94	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.03 Hrs	49.75 Hz at 19.15 Hrs	50	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 12/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	0.00	18.14	0	0
Unit 10	0.00	18.21	0	0
Total	0.00	36.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	2.50	0	0
Unit 5	0.00	4.40	0	0
Total	0.00	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	0.00	2.61	0	0
Total	0.00	2.61		
Chandrapur				
Unit 3	4.24	38.23	185	165
Unit 4	3.91	35.70	170	155
Unit 5	10.36	83.61	440	395
Unit 6	10.53	94.61	450	395
Unit 7	10.43	114.11	445	380
Unit 8	11.70	124.24	495	480
Unit 9	10.91	118.68	465	445
Total	62.08	609.19		
Paras				
Unit 3	5.67	62.47	250	204
Unit 4	5.76	64.79	253	200
Total	11.42	127.26		
Khaparkheda				
Unit 1	3.95	47.66	175	140
Unit 2	4.26	50.22	185	165
Unit 3	4.51	43.69	194	165
Unit 4	4.25	49.74	185	166
Unit 5	11.43	125.88	500	460
Total	28.40	317.20		
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	3.36	32.16	147	131
Total	3.36	32.16		
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)	0.08	1.78	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.78		
Koyna				
Stage 1-2	4.34	40.86	450	35
Stage 4	2.86	33.73	495	0
Stage 3	1.21	16.64	160	0
Total	8.42	91.24		
Hydro				
KDPH	0.50	4.81	29	14
VTRNA	0.00	0.00	0	0
TILLARI	0.24	6.25	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.04	0.70	23	0
RNGR+BHTSA	0.25	2.81	11	10
BHANDARDRA	0.43	5.19	18	17
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	1.65	13	2
GHATGHAR	0.00	0.00	0	0
Total	1.58	21.41		
Wind				
Total	15.63	329.63	0	0
Total	15.63	329.63		
CPP				
APML(Mus)	36.07	559.39	0	0
JSWEL(Mus)	18.33	200.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	30.64	0	0
Other(Mus)	7.22	98.30	0	0
Total	64.32	889.27		
SOLAR				
Total	4.72	70.32	0	0
Total	4.72	70.32		
Tata				
Trombay 5	9.23	93.62	443	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	33.70	118	116
Trombay 7B	1.59	19.15	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.77	53.40	427	38
Total	18.39	199.87		
AEML				
DTPS U-1&2	10.99	122.44	502	373
Total	10.99	122.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.90	1099.51	MSPGCL Total	115.25	1244.32
			MSPGCL Thml+Gas	105.26	1131.68	Koyna 1,2 & 4 Total	7.20	74.59
			MSPGCL Hydro	9.99	112.65	State Total	229.30	2855.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4289	112	146	4547	1287	3037	0	0	4937	4835	-922	12784	0	12784	2131	14915	50.01
2	4295	96	137	4528	959	3021	0	0	4891	4909	-945	12472	0	12472	1982	14454	50.02
3	4303	121	146	4570	703	3038	0	0	4904	4976	-906	12381	0	12381	1879	14260	50.02
4	4320	156	146	4622	437	3042	0	0	4936	4973	-862	12212	0	12212	1798	14010	50.01
5	4305	431	136	4872	323	3025	0	0	5089	4968	-781	12407	0	12407	1759	14166	50.00
6	4300	314	147	4761	252	3042	0	0	5628	5766	-619	13202	0	13202	1762	14964	50.01
7	4330	222	136	4688	274	3037	0	24	6809	6568	-699	13892	0	13892	1692	15584	49.96
8	4333	216	145	4694	352	3031	0	137	6667	6721	-697	14238	0	14238	1715	15953	49.99
9	4303	226	134	4663	553	2909	0	313	6652	6887	-669	14656	0	14656	1873	16529	49.99
10	4283	444	143	4870	600	2731	0	534	7014	7026	-791	14970	0	14970	2034	17004	50.00
11	4200	177	132	4509	621	2503	0	648	7599	7317	-932	14666	0	14666	2179	16845	50.02
12	4189	146	140	4475	575	2406	0	677	7654	7580	-1037	14676	0	14676	2270	16946	49.94
13	4199	316	131	4646	471	2395	0	674	7675	7690	-997	14879	0	14879	2277	17156	50.00
14	4208	300	143	4651	423	2431	0	537	7615	7645	-909	14778	0	14778	2217	16995	50.03
15	4214	548	134	4896	554	2462	0	467	7312	7193	-681	14891	0	14891	2215	17106	49.97
16	4215	482	143	4840	800	2451	0	344	6853	6766	-650	14551	0	14551	2190	16741	50.04
17	4236	219	132	4587	1043	2470	0	249	6529	6629	-734	14244	0	14244	2091	16335	49.99
18	3971	525	145	4641	994	2439	0	102	5771	6158	-1037	13297	0	13297	1963	15260	50.03
19	4224	826	134	5184	1013	2474	0	15	4951	5037	-834	12889	0	12889	1945	14834	50.02
20	4234	869	144	5247	1016	2461	0	0	5408	5543	-805	13462	0	13462	2025	15487	49.94
21	4239	704	134	5077	650	2452	0	0	5127	5091	-592	12678	0	12678	2083	14761	50.00
22	4245	1038	146	5429	617	2477	0	0	4752	5043	-576	12990	0	12990	2104	15094	50.00
23	4235	848	136	5219	579	2501	0	0	4868	5038	-706	12631	0	12631	2156	14787	50.03
24	4230	657	146	5033	532	2490	0	0	4968	5259	-749	12565	0	12565	2167	14732	50.02
MUs	101.90	9.99	3.36	115.25	15.63	64.32	0.00	4.72	144.61	145.62	-19.13	326.41	0.00	326.41	48.51	374.92	50.00

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 12/Jun/2020

Position as on 6.30 Hrs of 13/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 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	
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	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in To Zero schedule w.e.f	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Jun/2020

Position as on 6.30 Hrs of 13/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
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	Koradi Unit 9	660	02/06/2020	15.42		Continued.	Flame Failure	
MSPGCL	Koradi Unit 10	660	03/06/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	RSD	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 12/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 13/Jun/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/Tripping							
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	11/06/2020	17.25		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	02/06/2020	18.42		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/06/2020	02.40	12/06/2020	11.01	T	Over Voltage
Padghe - Nagothane - I	IntraState	05/06/2020	00.25		Continued.	HT	Over Voltage (RFC At 20:20Hrs)
Babhaleshwar - Padghe-I	IntraState	08/06/2020	09.45		Continued.	EO	Attend CB Problem & Testing Work.(RFC at 20:20 Dt-08.06.2020)
Khadka-Aurangabad (Waluj)	IntraState	10/06/2020	17.36	12/06/2020	07.49	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	11/06/2020	21.10	12/06/2020	06.37	EO	Attending Hot Spot
Deepnagar - Aurangabad	IntraState	12/06/2020	00.13	12/06/2020	13.51	T	Distance Protection
Warora -IEPL	IntraState	12/06/2020	09.21	12/06/2020	20.10	PO	Routine Maintenance Work
Ektuni - Taptitanda Ckt I	IntraState	12/06/2020	12.02	12/06/2020	19.00	PO	Quarterly Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	12/06/2020	21.36		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	13/06/2020	03.02		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/06/2020	03.13	13/06/2020	10.44	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	03/06/2020	08.28	12/06/2020	11.08	HT	Over Voltage
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	03/06/2020	17.37		Continued.	HT	Over Voltage
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	12/06/2020	08.02	12/06/2020	18.20	HT	Damaged fire survical cable and fire assembly replacement work
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	12/06/2020	09.59	12/06/2020	14.33	PO	For changing tap from 13 to 9
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	12/06/2020	10.32	12/06/2020	16.57	PO	For attending the problem of faulty trip ckt-II of CB
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	12/06/2020	15.23	12/06/2020	17.26	PO	Half yearly maintenance work
220 KV LINE Outages/Tripping							
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)
Boiser(M)-Boiser(PG) -III	InterState	12/06/2020	11.26		Continued.	HT	Stringing of conductor and earthwire
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
Warora - Wardha	IntraState	11/06/2020	09.16	12/06/2020	09.21	PO	Routine Maintenance and testing work. Nut Bolt Tightening work
220KV Chalisagaon-Kopergaon	IntraState	11/06/2020	22.35	12/06/2020	01.05	T	Distance Protection
Talandge(400)- Mudshingi 2 Line	IntraState	11/06/2020	23.43	12/06/2020	13.35	HT	CT Saturation.
Nalasopara-Boisar	IntraState	12/06/2020	09.05	12/06/2020	19.09	PO	Stringing of conductor and earthwire
Boisar Versova Line	IntraState	12/06/2020	09.52	12/06/2020	23.38	HT	Load Managment
Boisar(M) - Ghodbunder	IntraState	12/06/2020	10.12	12/06/2020	23.29	HT	Load Management
Waluj- Padegaon li	IntraState	12/06/2020	10.18	12/06/2020	21.07	PO	To replace Tan Delta CT

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 12/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 13/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar II - Boisar PG II	IntraState	12/06/2020	11.17	12/06/2020	23.18	PO	Stringing of conductor and earthwire
Hingoli- Girawali	IntraState	12/06/2020	11.25	12/06/2020	15.37	EO	LA Replacement work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	12/06/2020	03.30	12/06/2020	09.53	EO	To attend Hot Spot
220/132 KV 100MVA ICT-I @ Belewadi	IntraState	12/06/2020	09.30	12/06/2020	13.34	PO	Testing Work
220/100 Kv 200MVA ICT-I @Padghe	IntraState	12/06/2020	09.48	12/06/2020	12.31	PO	For Oil topping work
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	12/06/2020	10.06	12/06/2020	15.01	PO	LA Replacement work
220/132kv 100MVA ICT-2 @ Baramati	IntraState	12/06/2020	10.35	12/06/2020	13.55	PO	Premonsoon Maintenance work
220/132 Kv 200 Mva Vijay Ict 2 @Chalisgaon	IntraState	12/06/2020	11.07	12/06/2020	19.30	EO	HV Side Unbalance current
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	12/06/2020	14.35	12/06/2020	16.10	PO	Premonsoon Maintenance work

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