

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	85.369	1648.822	1) Gujrat	13.492	95.845
2) Hydro	5.151	147.519	2) Madhya Pradesh	4.792	105.047
3) Gas	3.304	52.138	3) Chattisgarh	4.500	94.720
Total MSPGCL	93.824	1848.479	4) Maharashtra	110.472	2073.611
B) 1) APML	26.077	728.896	5) Goa (Amona)	-1.034	-5.126
2) JSWEL	15.724	303.121	Total	132.222	2364.097
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.092	359.471
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.545	348.470
5) WPCL	2.507	46.335	c) MSEDCL Bilateral *	26.492	655.927
6) Other IPP	6.374	137.628	Include PX	5.356	220.962
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.092	359.471
C) 1) TPCL Thermal	7.422	137.945	Include PX	12.987	236.456
2) TPCL Hydro	4.914	82.474	Standby	0.000	0.000
3) TPCL Gas	4.387	79.129	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.967	177.174	1) MSEDCL	306.678	5684.335
D) STATE			2) Mumbai Discoms	47.235	825.187
1) Thermal	152.440	3179.921	TOTAL STATE	353.913	6509.522
(A1+C1+C4+(B1-B6))					
2) Hydro	10.065	229.993			
(A2+C2)					
3) Gas	7.691	131.267			
(A3+B7+C3)					
4) Wind	46.023	504.386			
6) SOLAR	5.472	99.863			
TOTAL STATE	221.691	4145.430			

* 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	3535	3539	3541	3540
MSPGCL Hydro	174	200	269	101
MSPGCL Gas	144	134	126	137
MSPGCL Total Generation	3853	3873	3936	3778
Central Sector Receipt	6782	5725	5530	4886
WIND	1859	2061	2215	1495
CPP / IPP Thermal	2056	1896	2300	2200
CPP / IPP Gas	0	0	0	0
SOLAR	547	716	0	0
Exchange with Mumbai	-1056	-1293	-690	-816
MSEDCL DEMAND MET	14041	12978	13291	11543
Load Shedding	0	0	0	0
MSEDCL DEMAND	14041	12978	13291	11543
TPCL GENERATION	618	591	886	572
AEML GENERATION	372	373	375	374
MUMBAI DEMAND	2046	2257	1951	1762
STATE DEMAND MET	16087	15235	15242	13305
STATE DEMAND	16087	15235	15242	13305
Frequency (Hz)	50.01	50.05	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 11.04 Hrs	49.86 Hz at 05.09 Hrs	50.01	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/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	3.94	61.48	167	152
Unit 4	3.82	57.63	160	155
Unit 5	8.76	139.10	370	359
Unit 6	8.69	151.02	370	355
Unit 7	8.73	170.57	370	340
Unit 8	8.84	183.15	460	360
Unit 9	8.87	176.94	475	350
Total	51.67	939.90		
Paras				
Unit 3	4.61	91.30	197	138
Unit 4	4.68	95.10	200	190
Total	9.28	186.40		
Khaparkheda				
Unit 1	3.81	71.12	165	145
Unit 2	3.86	74.53	165	160
Unit 3	3.82	68.37	160	158
Unit 4	3.86	73.94	163	160
Unit 5	9.06	188.70	470	300
Total	24.42	476.66		
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	52.14	147	126
Total	3.30	52.14		
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)	0.09	2.38	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	2.38		
Koyna				
Stage 1-2	1.10	54.98	150	35
Stage 4	0.14	35.65	144	0
Stage 3	0.94	22.18	80	0
Total	2.18	112.81		
Hydro				
KDPH	0.67	6.73	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.98	11.17	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	1.96	40	0
RNGR+BHTSA	0.25	4.20	11	10
BHANDARDRA	0.42	7.75	29	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	2.90	21	12
GHATGHAR	0.00	0.00	0	0
Total	2.97	34.71		
Wind				
Total	46.02	504.39	0	0
Total	46.02	504.39		
CPP				
APML(Mus)	26.08	728.90	0	0
JSWEL(Mus)	15.72	303.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.51	46.34	0	0
Other(Mus)	6.37	137.63	0	0
Total	50.68	1215.98		
SOLAR				
Total	5.47	99.86	0	0
Total	5.47	99.86		
Tata				
Trombay 5	7.42	137.94	311	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	50.51	117	116
Trombay 7B	1.58	28.62	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.91	82.47	440	68
Total	16.72	299.55		
AEML				
DTPS U-1&2	8.97	177.17	375	372
Total	8.97	177.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	85.37	1648.82	MSPGCL Total	93.82	1848.48
			MSPGCL Thml+Gas	88.67	1700.96	Koyna 1,2 & 4 Total	1.24	90.63
			MSPGCL Hydro	5.15	147.52	State Total	221.69	4145.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	3539	115	136	3790	1669	2246	0	0	5166	5122	-834	11993	0	11993	2016	14009	50.00
2	3526	101	147	3774	1597	2196	0	0	5061	5070	-864	11773	0	11773	1915	13688	50.00
3	3528	101	146	3775	1470	2125	0	0	5076	5126	-878	11618	0	11618	1828	13446	50.01
4	3540	101	137	3778	1495	2200	0	0	4854	4886	-816	11543	0	11543	1762	13305	50.02
5	3547	101	146	3794	1594	2299	0	0	4985	4786	-748	11725	0	11725	1729	13454	49.98
6	3549	144	135	3828	1456	2317	0	0	5497	5599	-667	12533	0	12533	1738	14271	49.94
7	3805	200	147	4152	1518	2326	0	41	6200	6229	-701	13565	0	13565	1713	15278	50.02
8	3858	191	135	4184	1752	2330	0	195	6222	6213	-803	13871	0	13871	1754	15625	50.01
9	3648	201	146	3995	1887	2225	0	421	6615	6390	-919	13999	0	13999	1884	15883	50.02
10	3535	174	144	3853	1859	2056	0	547	6814	6782	-1056	14041	0	14041	2046	16087	50.01
11	3543	179	134	3856	1998	1894	0	664	6799	6591	-1188	13815	0	13815	2172	15987	50.04
12	3540	219	144	3903	2068	1877	0	627	6487	6222	-1276	13421	0	13421	2257	15678	50.03
13	3539	200	134	3873	2061	1896	0	716	6047	5725	-1293	12978	0	12978	2257	15235	50.05
14	3544	221	143	3908	2161	1907	0	691	5205	5301	-1248	12720	0	12720	2190	14910	50.03
15	3533	511	133	4177	2246	1931	0	599	5012	4900	-1076	12777	0	12777	2163	14940	49.99
16	3536	284	146	3966	2376	1941	0	474	5240	4980	-869	12868	0	12868	2088	14956	50.02
17	3525	301	137	3963	2322	1950	0	302	4937	5089	-771	12855	0	12855	2039	14894	49.99
18	3530	286	143	3959	2378	1949	0	158	5421	5337	-1025	12756	0	12756	1957	14713	50.01
19	3536	294	131	3961	2274	2001	0	37	5458	5325	-931	12667	0	12667	1931	14598	50.00
20	3541	269	126	3936	2215	2300	0	0	5636	5530	-690	13291	0	13291	1951	15242	50.01
21	3527	268	126	3921	2012	2303	0	0	5580	5375	-653	12958	0	12958	1960	14918	50.02
22	3538	260	135	3933	1903	2177	0	0	5211	5248	-682	12579	0	12579	1953	14532	50.01
23	3459	257	127	3843	1837	2198	0	0	5214	5229	-771	12336	0	12336	1971	14307	50.02
24	3403	173	126	3702	1875	2038	0	0	5269	5167	-786	11996	0	11996	1961	13957	50.00
MUs	85.37	5.15	3.30	93.82	46.02	50.68	0.00	5.47	134.01	132.22	-21.55	306.68	0.00	306.68	47.24	353.91	50.01

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/Jun/2020

Position as on 6.30 Hrs of 19/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	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 18/Jun/2020

Position as on 6.30 Hrs of 19/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	
MSPGCL	Paras Unit 3	250	19/06/2020	01.58		Continued.	Zero schedule.	
MSPGCL	Paras Unit 4	250	19/06/2020	04.00		Continued.	Zero schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 19/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/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Chandrapur Bhadravati I	InterState	14/06/2020	17.48		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	14/06/2020	18.02		Continued.	T	Bus-II B Phase CVT Burst
Padgha - Boisar (PG)	InterState	18/06/2020	11.54	18/06/2020	13.54	PO	For CT oil samples at Padghe (MS) end.
Parli(MS)-Parli (PG) II	InterState	18/06/2020	12.05	19/06/2020	06.26	PO	(1) Distance relay testing work. (2) Bay Maint. Work.
Babhaleshwar - Padghe-I	IntraState	08/06/2020	09.45	18/06/2020	11.27	EO	Attend CB Problem & Testing Work.
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	Kept out due to No generation available at sinnar ent.
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	14/06/2020	18.02		Continued.	T	Bus Fault at Dhule.Bus-II B phase CVT Burst(RFC 22.30 on date 15.06.2020 code 199).
Padghe - Kalwa- I	IntraState	15/06/2020	21.16		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	16/06/2020	21.42		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	17/06/2020	16.46		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/06/2020	23.13	18/06/2020	08.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/06/2020	20.28		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		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.
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)
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
Sawantwadi-Bidri	IntraState	16/06/2020	23.35		Continued.	HT	Over Voltage
Wardha-Yeotmal	IntraState	17/06/2020	17.42	18/06/2020	00.15	T	220KV Bus Section-II Bus Bar Prot.operated due to Y Phase Wave Trap Jumper of Yavatmal Ckt open.
Phursungi-Parvati	IntraState	18/06/2020	09.17	18/06/2020	15.13	PO	Half Yearly Maintenance & Diagnostic testing work.
Koradi-Ambazari-Ii	IntraState	18/06/2020	09.18	18/06/2020	16.30	PO	Attending Hot Spot
Bhosari 2 - Telco	IntraState	18/06/2020	09.26	18/06/2020	10.24	EO	For taking timing of CB of 220 KV Telco line.
Chinchwad2 - TELCO	IntraState	18/06/2020	10.42	18/06/2020	18.38	PO	Earth wire Stringing work by agency.
Mulund - GIS Bhandup	IntraState	18/06/2020	11.16	18/06/2020	13.03	PO	Bay Strengthening work of GIS Bhandup Bay at Mulund ss.
Dhule-Amalner(220kv)	IntraState	18/06/2020	11.52	18/06/2020	13.58	PO	Attending Hot Spot
Vankuswade - Kdph	IntraState	18/06/2020	12.00	18/06/2020	15.00	PO	Hotspot and heavy sparking at LA R phase.
Theur-Phursungi	IntraState	18/06/2020	14.00	18/06/2020	14.48	EO	To remove flex stucked on line.
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.

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