

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jun/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.241	1374.572	1) Gujrat	8.205	58.808
2) Hydro	5.630	130.600	2) Madhya Pradesh	3.067	93.345
3) Gas	3.327	42.162	3) Chattisgarh	4.580	80.880
Total MSPGCL	99.198	1547.334	4) Maharashtra	130.425	1713.430
B) 1) APML	28.254	645.006	5) Goa (Amona)	-0.418	-2.882
2) JSWEL	16.688	252.222	Total	145.859	1943.581
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.610	299.592
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.666	283.734
5) WPCL	2.621	38.466	c) MSEDCL Bilateral *	33.498	563.982
6) Other IPP	6.599	118.251	Include PX	10.781	198.126
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.610	299.592
C) 1) TPCL Thermal	8.067	114.543	Include PX	13.363	196.587
2) TPCL Hydro	4.976	67.294	Standby	0.000	0.000
3) TPCL Gas	4.386	66.020	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.100	150.334	1) MSEDCL	314.823	4751.445
D) STATE			2) Mumbai Discoms	49.195	681.920
1) Thermal	161.570	2693.394	TOTAL STATE	364.018	5433.365
(A1+C1+C4+(B1-B6))					
2) Hydro	10.606	197.894			
(A2+C2)					
3) Gas	7.713	108.182			
(A3+B7+C3)					
4) Wind	33.463	404.785			
6) SOLAR	4.807	85.534			
TOTAL STATE	218.159	3489.789			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3678	3483	4064	3540
MSPGCL Hydro	271	181	216	78
MSPGCL Gas	132	130	145	136
MSPGCL Total Generation	4081	3794	4425	3754
Central Sector Receipt	6898	6828	5677	5411
WIND	1628	1719	1184	1366
CPP / IPP Thermal	2326	2147	2386	2286
CPP / IPP Gas	0	0	0	0
SOLAR	624	699	0	0
Exchange with Mumbai	-1224	-1298	-774	-846
MSEDCL DEMAND MET	14333	13889	12898	11971
Load Shedding	0	0	0	0
MSEDCL DEMAND	14333	13889	12898	11971
TPCL GENERATION	663	667	799	571
AEML GENERATION	373	374	481	374
MUMBAI DEMAND	2260	2339	2054	1791
STATE DEMAND MET	16593	16228	14952	13762
STATE DEMAND	16593	16228	14952	13762
Frequency (Hz)	50.02	49.97	50.00	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.02 Hrs	49.78 Hz at 21.10 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 15/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	3.39	49.76	180	116
Unit 4	3.17	46.55	155	105
Unit 5	9.17	112.05	425	365
Unit 6	9.32	123.48	450	355
Unit 7	9.46	143.01	455	360
Unit 8	9.53	154.25	445	360
Unit 9	9.64	144.55	450	353
Total	53.68	773.64		
Paras				
Unit 3	4.90	76.92	220	190
Unit 4	5.17	80.46	250	196
Total	10.07	157.37		
Khaparkheda				
Unit 1	3.94	59.32	175	155
Unit 2	4.02	62.42	185	160
Unit 3	4.12	56.15	190	160
Unit 4	4.04	61.99	187	161
Unit 5	10.37	157.80	500	360
Total	26.49	397.69		
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	3.33	42.16	146	130
Total	3.33	42.16		
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)	0.10	2.10	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	2.10		
Koyna				
Stage 1-2	2.84	48.96	405	35
Stage 4	0.30	35.19	182	0
Stage 3	0.77	19.39	160	0
Total	3.90	103.53		
Hydro				
KDPH	0.14	5.62	14	0
VTRNA	0.00	0.00	0	0
TILLARI	0.50	8.24	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	1.04	40	0
RNGR+BHTSA	0.25	3.44	11	10
BHANDARDRA	0.42	6.47	32	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	2.24	14	3
GHATGHAR	0.00	0.00	0	0
Total	1.73	27.07		
Wind				
Total	33.46	404.78	0	0
Total	33.46	404.78		
CPP				
APML(Mus)	28.25	645.01	0	0
JSWEL(Mus)	16.69	252.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.62	38.47	0	0
Other(Mus)	6.60	118.25	0	0
Total	54.16	1053.94		
SOLAR				
Total	4.81	85.53	0	0
Total	4.81	85.53		
Tata				
Trombay 5	8.07	114.54	450	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	42.12	118	116
Trombay 7B	1.58	23.90	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.98	67.29	429	80
Total	17.43	247.86		
AEML				
DTPS U-1&2	9.10	150.33	481	372
Total	9.10	150.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.24	1374.57	MSPGCL Total	99.20	1547.33
			MSPGCL Thml+Gas	93.57	1416.73	Koyna 1,2 & 4 Total	3.13	84.15
			MSPGCL Hydro	5.63	130.60	State Total	218.16	3489.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	3818	73	145	4036	1465	2385	0	0	5531	5372	-941	12317	0	12317	2111	14428	50.03
2	3562	78	135	3775	1370	2308	0	0	5484	5526	-930	12049	0	12049	1980	14029	50.02
3	3552	83	145	3780	1364	2298	0	0	5295	5623	-920	12145	0	12145	1878	14023	50.03
4	3540	78	136	3754	1366	2286	0	0	5309	5411	-846	11971	0	11971	1791	13762	50.06
5	3561	143	135	3839	1220	2286	0	0	5234	5640	-804	12181	0	12181	1746	13927	50.01
6	4075	178	145	4398	1339	2390	0	0	5640	5884	-788	13223	0	13223	1733	14956	50.00
7	4148	102	136	4386	1412	2388	0	42	6485	6235	-751	13712	0	13712	1712	15424	49.99
8	4165	97	145	4407	1486	2291	0	174	6612	6416	-784	13990	0	13990	1763	15753	49.99
9	3847	245	135	4227	1501	2290	0	359	6510	6553	-895	14035	0	14035	1910	15945	49.96
10	3810	334	143	4287	1563	2327	0	509	6768	6614	-1076	14224	0	14224	2108	16332	50.01
11	3678	271	132	4081	1628	2326	0	624	7178	6898	-1224	14333	0	14333	2260	16593	50.02
12	3535	275	141	3951	1602	2296	0	640	7115	6934	-1258	14165	0	14165	2329	16494	49.98
13	3483	181	130	3794	1719	2147	0	699	6840	6828	-1298	13889	0	13889	2339	16228	49.97
14	3511	179	130	3820	1933	1960	0	630	6788	6701	-1320	13724	0	13724	2315	16039	50.03
15	3502	166	130	3798	1999	1935	0	490	6786	6396	-1120	13498	0	13498	2310	15808	50.00
16	3492	166	141	3799	1969	1911	0	323	6770	6639	-1063	13578	0	13578	2257	15835	49.96
17	3468	193	132	3793	1761	1897	0	203	6355	6356	-952	13058	0	13058	2142	15200	50.02
18	3491	522	145	4158	1596	2159	0	86	5798	6046	-1019	13026	0	13026	2014	15040	50.05
19	3782	404	137	4323	1433	2361	0	28	5458	5826	-979	12992	0	12992	1954	14946	50.06
20	4064	216	145	4425	1184	2386	0	0	5812	5677	-774	12898	0	12898	2054	14952	50.00
21	4056	165	137	4358	885	2376	0	0	5476	5674	-636	12657	0	12657	2085	14742	50.02
22	4069	633	145	4847	639	2362	0	0	5359	5376	-676	12548	0	12548	2100	14648	49.93
23	4025	448	136	4609	495	2399	0	0	5404	5616	-781	12338	0	12338	2148	14486	50.00
24	4007	400	146	4553	534	2398	0	0	5700	5618	-831	12272	0	12272	2156	14428	50.00
MUs	90.24	5.63	3.33	99.20	33.46	54.16	0.00	4.81	145.71	145.86	-22.67	314.82	0.00	314.82	49.19	364.02	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 15/Jun/2020

Position as on 6.30 Hrs of 16/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 15/Jun/2020

Position as on 6.30 Hrs of 16/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/Trippings for 15/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	15/06/2020	09.02	15/06/2020	14.42	T	Phase discrepancy alarm.
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	13/06/2020	16.26		Continued.	HT	Over Voltage
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
Dhule Khandwa II	InterState	14/06/2020	18.02	15/06/2020	08.24	T	Bus-II B Phase CVT Burst
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)
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
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/06/2020	03.02	15/06/2020	10.30	T	Over Voltage
karad -kolhapur-II	IntraState	13/06/2020	20.11	15/06/2020	14.12	HT	Over Voltage
Koradi-Bhusawal	IntraState	14/06/2020	01.02	15/06/2020	17.36	HT	Over Voltage
Dhule - Bableswhar - 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).
karad -kolhapur-I	IntraState	15/06/2020	14.15		Continued.	PO	Line Maintenance Work (RFC 16.49)
Lonikand I - Koyna stage-IV	IntraState	15/06/2020	20.42		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 315 Mva Ict 2 @Dhule	IntraState	14/06/2020	18.02	15/06/2020	13.09	T	Bus-II B phase CVT 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)
Boiser(M)-Boiser(PG) -III	InterState	12/06/2020	11.26	15/06/2020	14.45	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
Boisar Versova Line	IntraState	13/06/2020	11.40	15/06/2020	15.10	HT	HT For load management.
Mulund - GIS Bhandup	IntraState	14/06/2020	14.15	15/06/2020	23.58	PO	re strengthening of bay.
Khadka-Chalisgaon-2	IntraState	15/06/2020	07.22	15/06/2020	08.40	PO	CB CRM & Timings Diagnostic testing Work.
Dahanu Ghodbunder Line 1	IntraState	15/06/2020	08.13	15/06/2020	16.23	PO	Repalcement Abnormal polymer Insulator with high creepage.
Miraj-Ichalkaranji I	IntraState	15/06/2020	09.50	15/06/2020	13.00	PO	Quarterly Maintainance Work at Ichalkaranji end & weak Insulator string Replacement.
Butibori - Khaperkheda	IntraState	15/06/2020	11.11	15/06/2020	14.39	PO	Line maintenance & Line signature.
Gadchandur - Virur-I	IntraState	15/06/2020	13.30	15/06/2020	13.40	T	Distance Protection
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