

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jul/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	85.633	467.422	1) Gujrat	2.125	22.239
2) Hydro	4.413	36.109	2) Madhya Pradesh	9.049	48.666
3) Gas	2.849	15.257	3) Chattisgarh	4.920	25.560
Total MSPGCL	92.895	518.788	4) Maharashtra	108.039	598.483
B) 1) APML	23.717	141.374	5) Goa (Amona)	0.000	-1.056
2) JSWEL	15.723	87.110	Total	124.133	693.892
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.069	128.017
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.047	121.054
5) WPCL	6.639	17.494	c) MSEDCL Bilateral *	37.915	153.193
6) Other IPP	6.094	34.863	Include PX	5.268	33.602
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.069	128.017
C) 1) TPCL Thermal	7.043	38.822	Include PX	14.494	89.105
2) TPCL Hydro	2.785	21.787	Standby	0.000	0.000
3) TPCL Gas	3.758	20.708	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.549	24.185	1) MSEDCL	302.992	1599.418
D) STATE			2) Mumbai Discoms	40.182	226.556
1) Thermal	149.398	811.270	TOTAL STATE	343.174	1825.974
(A1+C1+C4+(B1-B6))					
2) Hydro	7.198	57.896			
(A2+C2)					
3) Gas	6.607	35.965			
(A3+B7+C3)					
4) Wind	51.299	198.565			
6) SOLAR	4.539	28.386			
TOTAL STATE	219.041	1132.082			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3690	3290	3594	3662
MSPGCL Hydro	199	615	97	79
MSPGCL Gas	132	116	116	122
MSPGCL Total Generation	4021	4021	3807	3863
Central Sector Receipt	6145	4796	5259	5020
WIND	2045	2641	2463	1577
CPP / IPP Thermal	2327	2051	2090	2115
CPP / IPP Gas	0	0	0	0
SOLAR	284	528	0	0
Exchange with Mumbai	-916	-1073	-918	-862
MSEDCL DEMAND MET	13906	12964	12701	11713
Load Shedding	0	0	0	0
MSEDCL DEMAND	13906	12964	12701	11713
TPCL GENERATION	496	526	683	484
AEML GENERATION	189	189	190	190
MUMBAI DEMAND	1601	1788	1791	1536
STATE DEMAND MET	15507	14752	14492	13249
STATE DEMAND	15507	14752	14492	13249
Frequency (Hz)	50.12	49.94	49.97	50.26

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 03.43 Hrs	49.81 Hz at 19.25 Hrs	50.05	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 05/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	0.00	0.00	0	0
Unit 9	10.61	50.13	465	325
Unit 10	8.47	48.76	385	320
Total	19.08	98.90		
Bhusawal				
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		
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	2.05	17.84	120	0
Unit 4	2.54	17.62	114	97
Unit 5	8.90	45.99	419	360
Unit 6	5.77	22.27	430	0
Unit 7	8.74	46.79	375	358
Unit 8	8.91	48.86	445	360
Unit 9	0.00	36.13	0	0
Total	36.91	235.50		
Paras				
Unit 3	4.66	23.65	230	187
Unit 4	4.72	24.62	235	186
Total	9.37	48.27		
Khaparkheda				
Unit 1	3.34	17.73	160	95
Unit 2	0.00	0.00	0	0
Unit 3	3.89	19.29	180	158
Unit 4	3.97	20.79	190	160
Unit 5	9.07	26.94	430	349
Total	20.26	84.75		
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	2.85	15.26	132	106
Total	2.85	15.26		
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)	0.02	0.32	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.32		
Koyna				
Stage 1-2	1.76	14.31	390	40
Stage 4	0.00	5.19	0	0
Stage 3	0.91	6.92	80	0
Total	2.67	26.42		
Hydro				
KDPH	0.67	3.36	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.70	3.62	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.23	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.00	0.20	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.19	0.65	17	5
GHATGHAR	0.00	0.00	0	0
Total	1.74	9.69		
Wind				
Total	51.30	198.56	0	0
Total	51.30	198.56		
CPP				
APML(Mus)	23.72	141.37	0	0
JSWEL(Mus)	15.72	87.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.64	17.49	0	0
Other(Mus)	6.09	34.86	0	0
Total	52.17	280.84		
SOLAR				
Total	4.54	28.39	0	0
Total	4.54	28.39		
Tata				
Trombay 5	7.04	38.82	304	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	13.14	100	95
Trombay 7B	1.43	7.57	62	58
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.78	21.79	309	24
Total	13.59	81.32		
AEML				
DTPS U-1&2	4.55	24.18	191	189
Total	4.55	24.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	85.63	467.42	MSPGCL Total	92.90	518.79
			MSPGCL Thml+Gas	88.48	482.68	Koyna 1,2 & 4 Total	1.76	19.50
			MSPGCL Hydro	4.41	36.11	State Total	219.04	1132.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	3671	87	129	3887	1736	2481	0	0	5059	5120	-936	12288	0	12288	1723	14011	50.04
2	3636	79	121	3836	1693	2498	0	0	5069	4767	-851	11943	0	11943	1629	13572	50.13
3	3553	79	121	3753	1623	2391	0	0	5130	4919	-906	11780	0	11780	1579	13359	50.10
4	3662	79	122	3863	1577	2115	0	0	5079	5020	-862	11713	0	11713	1536	13249	50.26
5	3696	79	123	3898	1608	2105	0	0	5136	5206	-833	11984	0	11984	1503	13487	50.16
6	3598	124	123	3845	1775	2104	0	0	5684	5975	-789	12910	0	12910	1505	14415	50.12
7	3850	189	123	4162	1683	2325	0	28	5927	6119	-750	13567	0	13567	1496	15063	50.12
8	3982	194	122	4298	1809	2623	0	150	6203	5955	-777	14058	0	14058	1527	15585	50.12
9	3690	199	132	4021	2045	2327	0	284	6264	6145	-916	13906	0	13906	1601	15507	50.12
10	3698	227	119	4044	2294	2045	0	499	5887	5888	-1022	13748	0	13748	1690	15438	50.05
11	3678	275	117	4070	2462	2038	0	596	5799	5602	-1102	13666	0	13666	1758	15424	50.06
12	3293	264	118	3675	2674	2048	0	630	5561	5451	-1113	13365	0	13365	1796	15161	50.01
13	3290	615	116	4021	2641	2051	0	528	4674	4796	-1073	12964	0	12964	1788	14752	49.94
14	3303	232	106	3641	2540	2016	0	616	4824	4975	-1034	12754	0	12754	1751	14505	49.97
15	3326	157	115	3598	2594	2068	0	435	5064	4742	-919	12518	0	12518	1690	14208	49.99
16	3283	170	115	3568	2652	2075	0	411	4599	4643	-824	12525	0	12525	1636	14161	49.99
17	3330	259	115	3704	2805	2088	0	225	4388	4498	-804	12516	0	12516	1605	14121	50.00
18	3512	139	115	3766	2574	2086	0	117	4557	4409	-874	12078	0	12078	1605	13683	50.07
19	3618	97	116	3831	2571	2094	0	20	4641	4580	-931	12165	0	12165	1653	13818	50.04
20	3594	97	116	3807	2463	2090	0	0	5010	5259	-918	12701	0	12701	1791	14492	49.97
21	3634	163	117	3914	2149	2135	0	0	4898	4997	-887	12308	0	12308	1840	14148	50.04
22	3547	173	115	3835	1983	2174	0	0	4978	5036	-945	12083	0	12083	1856	13939	50.00
23	3600	163	116	3879	1762	2085	0	0	5035	5082	-968	11840	0	11840	1816	13656	49.96
24	3589	273	117	3979	1586	2111	0	0	4683	4949	-1013	11612	0	11612	1808	13420	50.01
MUs	85.63	4.41	2.85	92.90	51.30	52.17	0.00	4.54	124.15	124.13	-22.05	302.99	0.00	302.99	40.18	343.17	50.05

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 05/Jul/2020

Position as on 6.30 Hrs of 06/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 STG-IV Unit-2	250	02/07/2020	09.00		Continued.	Annual Overhaul	
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	
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	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jul/2020

Position as on 6.30 Hrs of 06/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							To Zero schedule w.e.f 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	
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.	
IPP	SWPGL U-2	135	29/06/2020	12.00	05/07/2020	00.12	ID Fan Problem	
MSPGCL	Chandrapur Unit 6	500	02/07/2020	18.30	05/07/2020	01.11	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	04/07/2020	13.31		Continued.	Water valve Circulation not.	
MSPGCL	Chandrapur Unit 6	500	05/07/2020	11.08	05/07/2020	14.14	HP CV Closed.	
MSPGCL	Chandrapur Unit 6	500	05/07/2020	14.25	05/07/2020	16.15	HP CV Closed.	
MSPGCL	Chandrapur Unit 3	210	05/07/2020	20.43		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 06/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	03/07/2020	13.54		Continued.	T	Distance Protection (RFC 23.10).
Chandrapur Bhadravati II	InterState	04/07/2020	21.02		Continued.	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	05/07/2020	01.39	05/07/2020	07.11	T	Over Voltage
Dabhol New koyna I	InterState	05/07/2020	03.28	05/07/2020	11.07	T	Over Voltage
Parli(MS)-Parli (PG) II	InterState	05/07/2020	12.59	05/07/2020	22.39	PO	Attending Hot Spot
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/06/2020	19.20		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	29/06/2020	19.38		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	02/07/2020	10.28		Continued.	EO	SF6 Gas Leakage.
Karad - Jaigad - II	IntraState	03/07/2020	20.35		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	04/07/2020	20.04		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	04/07/2020	20.51		Continued.	T	Over Voltage
Karad - Talandge Ckt 2	IntraState	04/07/2020	22.17		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/07/2020	22.17		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	05/07/2020	03.28	05/07/2020	13.45	T	Over Voltage
Lonikand 1 -Jejuri	IntraState	05/07/2020	03.28	05/07/2020	06.33	T	Over Voltage
Jejuri- Koynastage-IV	IntraState	05/07/2020	03.28	05/07/2020	06.50	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	06/07/2020	03.00		Continued.	T	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 Kv 500 MVA ICT-III @Kalwa	IntraState	04/07/2020	02.12		Continued.	HT	LV Side, Over Voltage.
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	05/07/2020	00.03		Continued.	PO	LV Side Over Voltage.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	06/07/2020	00.22		Continued.	PO	Over Voltage
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)
Borivali - Tarapur	InterState	05/07/2020	13.53		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	02/07/2020	08.19		Continued.	PO	Stringing of conductor between olt Tower to new CTT tower at both ends and connection of jumper to cable termination kit
Chandrapur(MIDC)-Ballarshah II	IntraState	04/07/2020	15.22	05/07/2020	17.33	T	Distance Protection
Salsette Borivli 2	IntraState	05/07/2020	09.45	05/07/2020	15.37	PO	ARR Scheme Commissioning.
Pandharpur - Malinagar	IntraState	05/07/2020	10.18	05/07/2020	17.50	PO	Outage Is Required For Making LILo Arrangment For 220KV Bhalwani 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