

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.520	555.942	1) Gujrat	4.179	26.418
2) Hydro	5.655	41.764	2) Madhya Pradesh	8.350	57.016
3) Gas	2.810	18.067	3) Chattisgarh	4.720	30.280
Total MSPGCL	96.985	615.773	4) Maharashtra	108.034	706.517
B) 1) APMIL	24.928	166.302	5) Goa (Amona)	-0.374	-1.430
2) JSWEL	15.433	102.543	Total	124.909	818.801
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.797	152.814
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.309	146.363
5) WPCL	7.241	24.735	c) MSEDCL Bilateral *	34.622	187.815
6) Other IPP	6.370	41.233	Include PX	3.174	36.776
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.797	152.814
C) 1) TPCL Thermal	7.335	46.157	Include PX	13.484	102.589
2) TPCL Hydro	4.855	26.642	Standby	0.000	0.000
3) TPCL Gas	3.284	23.992	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.535	28.720	1) MSEDCL	308.000	1907.418
D) STATE			2) Mumbai Discoms	45.318	271.874
1) Thermal	154.362	965.632	TOTAL STATE	353.318	2179.292
(A1+C1+C4+(B1-B6))					
2) Hydro	10.510	68.406			
(A2+C2)					
3) Gas	6.094	42.059			
(A3+B7+C3)					
4) Wind	52.780	251.345			
6) SOLAR	4.663	33.049			
TOTAL STATE	228.409	1360.491			

* 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	3984	3600	3749	3590
MSPGCL Hydro	205	383	197	175
MSPGCL Gas	116	115	120	119
MSPGCL Total Generation	4305	4098	4066	3884
Central Sector Receipt	5925	5402	5474	4554
WIND	2307	2542	2231	1784
CPP / IPP Thermal	2541	2072	2503	2096
CPP / IPP Gas	0	0	0	0
SOLAR	331	554	0	0
Exchange with Mumbai	-1094	-1408	-986	-868
MSEDCL DEMAND MET	14315	13260	13288	11450
Load Shedding	0	0	0	0
MSEDCL DEMAND	14315	13260	13288	11450
TPCL GENERATION	584	692	709	499
AEML GENERATION	189	189	189	189
MUMBAI DEMAND	1867	2289	1884	1556
STATE DEMAND MET	16182	15549	15172	13006
STATE DEMAND	16182	15549	15172	13006
Frequency (Hz)	49.94	50.01	49.99	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 02.53 Hrs	49.82 Hz at 07.11 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 06/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	11.12	61.25	469	458
Unit 10	10.24	59.00	460	400
Total	21.36	120.26		
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	0.00	17.84	0	0
Unit 4	2.77	20.39	136	98
Unit 5	8.59	54.58	370	310
Unit 6	8.62	30.89	385	340
Unit 7	8.68	55.47	380	352
Unit 8	9.02	57.88	460	360
Unit 9	0.00	36.13	0	0
Total	37.68	273.18		
Paras				
Unit 3	4.65	28.30	234	188
Unit 4	4.64	29.26	223	186
Total	9.30	57.57		
Khaparkheda				
Unit 1	3.12	20.84	155	110
Unit 2	0.00	0.00	0	0
Unit 3	3.80	23.09	160	150
Unit 4	3.90	24.68	182	160
Unit 5	9.37	36.31	470	360
Total	20.18	104.94		
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	2.81	18.07	120	113
Total	2.81	18.07		
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)	0.11	0.43	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	0.43		
Koyna				
Stage 1-2	2.24	16.54	330	40
Stage 4	0.52	5.71	255	0
Stage 3	0.92	7.84	80	0
Total	3.67	30.09		
Hydro				
KDPH	0.70	4.06	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.70	4.32	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	1.63	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	0.84	17	5
GHATGHAR	0.00	0.00	0	0
Total	1.99	11.68		
Wind				
Total	52.78	251.34	0	0
Total	52.78	251.34		
CPP				
APML(Mus)	24.93	166.30	0	0
JSWEL(Mus)	15.43	102.54	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.24	24.74	0	0
Other(Mus)	6.37	41.23	0	0
Total	53.97	334.81		
SOLAR				
Total	4.66	33.05	0	0
Total	4.66	33.05		
Tata				
Trombay 5	7.34	46.16	312	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.96	15.10	99	76
Trombay 7B	1.32	8.89	61	53
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.86	26.64	377	38
Total	15.47	96.79		
AEML				
DTPS U-1&2	4.54	28.72	190	188
Total	4.54	28.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	88.52	555.94	MSPGCL Total	96.98	615.77
			MSPGCL Thml+Gas	91.33	574.01	Koyna 1,2 & 4 Total	2.75	22.25
			MSPGCL Hydro	5.66	41.76	State Total	228.41	1360.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	3605	230	118	3953	1539	2101	0	0	4692	4865	-975	11483	0	11483	1751	13234	50.00
2	3612	200	119	3931	1476	2097	0	0	4784	4860	-917	11447	0	11447	1663	13110	50.01
3	3615	215	118	3948	1588	2078	0	0	4362	4711	-880	11445	0	11445	1606	13051	50.05
4	3590	175	119	3884	1784	2096	0	0	4288	4554	-868	11450	0	11450	1556	13006	50.06
5	3632	170	118	3920	1893	2110	0	0	4669	4664	-850	11737	0	11737	1537	13274	50.07
6	3626	175	119	3920	1887	2107	0	0	5461	5509	-864	12559	0	12559	1550	14109	49.98
7	3648	165	116	3929	1976	2086	0	33	6149	6240	-810	13454	0	13454	1567	15021	50.00
8	3735	174	115	4024	2095	2326	0	152	6113	6399	-906	14090	0	14090	1669	15759	49.96
9	3984	205	116	4305	2307	2541	0	331	5770	5925	-1094	14315	0	14315	1867	16182	49.94
10	3909	185	114	4208	2523	2499	0	450	5655	5525	-1293	13912	0	13912	2065	15977	49.97
11	3704	191	113	4008	2615	2387	0	602	5758	5331	-1380	13563	0	13563	2203	15766	50.00
12	3625	197	116	3938	2607	2140	0	591	5791	5710	-1414	13572	0	13572	2257	15829	50.03
13	3600	383	115	4098	2542	2072	0	554	5248	5402	-1408	13260	0	13260	2289	15549	50.01
14	3646	263	116	4025	2514	2055	0	472	5356	5085	-1295	12856	0	12856	2233	15089	50.02
15	3667	187	115	3969	2603	2057	0	587	5395	5101	-1166	13151	0	13151	2174	15325	49.98
16	3704	215	117	4036	2485	2050	0	433	5116	5087	-1104	12987	0	12987	2084	15071	49.97
17	3646	688	115	4449	2479	2063	0	322	4499	4895	-1054	13154	0	13154	1990	15144	49.98
18	3633	757	118	4508	2425	2149	0	106	4495	4858	-1009	13037	0	13037	1897	14934	49.98
19	3728	332	119	4179	2353	2459	0	30	4996	4967	-1005	12983	0	12983	1906	14889	49.95
20	3749	197	120	4066	2231	2503	0	0	5786	5474	-986	13288	0	13288	1884	15172	49.99
21	3716	94	118	3928	2151	2492	0	0	5463	5369	-972	12968	0	12968	1927	14895	49.92
22	3696	84	119	3899	2197	2604	0	0	5106	4904	-971	12633	0	12633	1903	14536	50.01
23	3727	84	119	3930	2318	2585	0	0	4873	4909	-1036	12706	0	12706	1892	14598	50.01
24	3723	89	118	3930	2192	2315	0	0	4903	4565	-1052	11950	0	11950	1848	13798	49.99
MUs	88.52	5.65	2.81	96.98	52.78	53.97	0.00	4.66	124.73	124.91	-25.31	308.00	0.00	308.00	45.32	353.32	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 06/Jul/2020

Position as on 6.30 Hrs of 07/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 06/Jul/2020

Position as on 6.30 Hrs of 07/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.	
MSPGCL	Chandrapur Unit 9	500	04/07/2020	13.31		Continued.	Water valve Circulation not.	
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 06/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 07/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
Dabhol New koyna I	InterState	06/07/2020	10.17	06/07/2020	18.55	PO	Repair sleeve fix betn.Loc.4&5 and emergency Tree cutting work
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 - Bableshwar - II	IntraState	29/06/2020	19.38	07/07/2020	00.35	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	06/07/2020	13.49	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/07/2020	22.17	06/07/2020	08.46	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	04/07/2020	22.17		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	06/07/2020	03.00	06/07/2020	07.33	T	Over Voltage
Padghe - Kalwa- I	IntraState	06/07/2020	21.51		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/07/2020	22.14		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	07/07/2020	00.27		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	06/07/2020	09.19	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	06/07/2020	07.19	PO	Over Voltage
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	06/07/2020	08.26	06/07/2020	13.04	PO	RTV coating of ICT
400/220KV 500MVA ICT-II@Taptitanda	IntraState	06/07/2020	11.02	06/07/2020	17.25	PO	Filtration of R Phase unit OLTC oil due to low BDV and high PPM values
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
512 Khadki- Century Enka	IntraState	06/07/2020	09.07	06/07/2020	19.00	PO	Work of putting OPGW
Badnera-Akola I	IntraState	06/07/2020	09.11	06/07/2020	17.25	PO	Isolator Maintenance work
Lonikand-VSNL	IntraState	06/07/2020	09.35	06/07/2020	19.30	PO	Work of putting OPGW
Bhugaon-WardhaPG (Deoli)	IntraState	06/07/2020	11.04	06/07/2020	19.14	PO	Annual Maintenance Work
Beed-Patoda Ckt 1	IntraState	06/07/2020	11.25	06/07/2020	14.28	EO	To attend Hot Spot
Sonkhar - Trombay	IntraState	06/07/2020	12.45		Continued.	T	Distance Protection

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 06/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Virur - Virur Rly Tss 2	IntraState	06/07/2020	13.20	06/07/2020	16.35	EO	To attend Hot Spot
Patoda-Manjarsumba	IntraState	06/07/2020	14.38	06/07/2020	16.45	EO	To attend Hot Spot
Apta - Kalwa1	IntraState	06/07/2020	17.04	06/07/2020	20.49	T	Distance Protection
Bombay Dyeing - Sahara	IntraState	06/07/2020	18.40	06/07/2020	21.15	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	06/07/2020	21.30	06/07/2020	22.20	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.