

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.754	704.588	1) Gujrat	-0.571	0.347
2) Hydro	7.116	33.451	2) Madhya Pradesh	6.226	38.272
3) Gas	2.510	16.000	3) Chattisgarh	4.650	26.690
Total MSPGCL	115.380	754.039	4) Maharashtra	94.883	670.151
B) 1) APLM	26.514	160.272	5) Goa (Amona)	-1.818	-8.358
2) JSWEL	14.640	96.090	Total	103.370	727.102
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.649	148.671
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.307	155.880
5) WPCL	7.184	44.802	c) MSEDCL Bilateral *	33.083	189.050
6) Other IPP	6.616	43.028	Include PX	0.186	11.175
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.649	148.671
C) 1) TPCL Thermal	7.224	44.512	Include PX	12.965	101.727
2) TPCL Hydro	2.471	8.164	Standby	0.000	0.000
3) TPCL Gas	4.406	25.428	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.620	28.272	1) MSEDCL	308.181	1929.331
D) STATE			2) Mumbai Discoms	42.028	262.251
1) Thermal	172.552	1121.564	TOTAL STATE	350.209	2191.582
(A1+C1+C4+(B1-B6))					
2) Hydro	9.587	41.615			
(A2+C2)					
3) Gas	6.916	41.428			
(A3+B7+C3)					
4) Wind	52.672	227.278			
6) SOLAR	5.112	32.600			
TOTAL STATE	246.839	1464.485			

* 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 2 Hrs
MSPGCL Thermal	4446	4003	4459	4705
MSPGCL Hydro	249	211	589	270
MSPGCL Gas	100	100	100	110
MSPGCL Total Generation	4795	4314	5148	5085
Central Sector Receipt	5205	5276	4631	2771
WIND	2285	2267	2214	2279
CPP / IPP Thermal	2388	2026	2616	2022
CPP / IPP Gas	0	0	0	0
SOLAR	514	776	0	0
Exchange with Mumbai	-1326	-1383	-907	-755
MSEDCL DEMAND MET	13861	13276	13702	11402
Load Shedding	0	0	0	0
MSEDCL DEMAND	13861	13276	13702	11402
TPCL GENERATION	540	546	724	544
AEML GENERATION	189	189	226	189
MUMBAI DEMAND	2055	2118	1857	1488
STATE DEMAND MET	15916	15394	15559	12890
STATE DEMAND	15916	15394	15559	12890
Frequency (Hz)	50.07	49.97	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 10:52 Hrs	49.78 Hz at 19:47 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/Aug/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	11.02	65.30	488	430
Unit 9	9.93	59.27	487	325
Unit 10	6.60	6.60	420	0
Total	27.55	131.17		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	32.53	0	0
Unit 5	4.19	49.56	360	0
Total	4.19	82.09		
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	3.62	11.60	170	115
Unit 4	3.47	20.48	160	123
Unit 5	8.28	52.89	400	285
Unit 6	8.44	53.77	400	300
Unit 7	1.26	44.52	365	0
Unit 8	9.43	55.21	495	360
Unit 9	9.20	56.47	445	360
Total	43.70	294.93		
Paras				
Unit 3	4.40	27.13	195	162
Unit 4	4.33	24.95	215	160
Total	8.73	52.08		
Khaparkheda				
Unit 1	3.47	21.22	165	125
Unit 2	3.50	18.40	190	120
Unit 3	1.62	21.90	180	0
Unit 4	3.96	24.67	175	162
Unit 5	9.05	58.12	430	280
Total	21.59	144.31		
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	2.51	16.00	110	100
Total	2.51	16.00		
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)	0.93	4.71	40	33

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.93	4.71		
Koyna				
Stage 1-2	2.64	12.92	320	35
Stage 4	0.00	2.61	0	0
Stage 3	2.36	10.66	160	0
Total	5.00	26.20		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	1.12	3.64	58	40
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	1.65	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.12	0.30	21	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	0.75	21	20
GHATGHAR	0.00	0.00	0	0
Total	2.12	7.26		
Wind				
Total	52.67	227.28	0	0
Total	52.67	227.28		
CPP				
APML(Mus)	26.51	160.27	0	0
JSWEL(Mus)	14.64	96.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.18	44.80	0	0
Other(Mus)	6.62	43.03	0	0
Total	54.95	344.19		
SOLAR				
Total	5.11	32.60	0	0
Total	5.11	32.60		
Tata				
Trombay 5	7.22	44.51	408	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	16.17	118	116
Trombay 7B	1.60	9.26	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.47	8.16	285	57
Total	14.10	78.10		
AEML				
DTPS U-1&2	4.62	28.27	236	188
Total	4.62	28.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.75	704.59	MSPGCL Total	115.38	754.04
			MSPGCL Thml+Gas	108.26	720.59	Koyna 1,2 & 4 Total	2.64	15.54
			MSPGCL Hydro	7.12	33.45	State Total	246.84	1464.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Aug/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	4709	270	110	5089	2261	2050	0	0	3134	2965	-810	11555	0	11555	1540	13095	50.00
2	4705	270	110	5085	2279	2022	0	0	2817	2771	-755	11402	0	11402	1488	12890	50.00
3	4708	265	100	5073	2179	2082	0	0	2422	2917	-712	11539	0	11539	1447	12986	50.00
4	4484	330	110	4924	2133	2054	0	0	2419	3071	-669	11513	0	11513	1405	12918	50.01
5	4299	446	100	4845	1989	2202	0	0	2938	3328	-652	11712	0	11712	1391	13103	50.01
6	4582	449	100	5131	1896	2417	0	0	3590	3878	-692	12630	0	12630	1427	14057	50.04
7	4681	280	110	5071	2124	2500	0	33	4555	4354	-695	13387	0	13387	1447	14834	50.02
8	4701	199	100	5000	2154	2568	0	203	5076	4852	-802	13975	0	13975	1555	15530	50.05
9	4656	195	100	4951	2129	2432	0	338	4986	5282	-983	14149	0	14149	1734	15883	50.03
10	4573	235	110	4918	2206	2418	0	436	5225	5191	-1155	14014	0	14014	1900	15914	50.00
11	4446	249	100	4795	2285	2388	0	514	5458	5205	-1326	13861	0	13861	2055	15916	50.07
12	4304	208	110	4622	2260	2155	0	714	5556	5000	-1402	13349	0	13349	2130	15479	50.03
13	4003	211	100	4314	2267	2026	0	776	5229	5276	-1383	13276	0	13276	2118	15394	49.97
14	4063	280	100	4443	2290	2010	0	702	4832	4736	-1338	12843	0	12843	2071	14914	49.93
15	4011	230	110	4351	2289	1995	0	552	4796	4881	-1274	12794	0	12794	2008	14802	49.99
16	4019	210	100	4329	2329	2010	0	351	4879	4995	-1190	12824	0	12824	1923	14747	49.96
17	4003	425	100	4528	2416	2006	0	324	4570	4664	-1139	12799	0	12799	1872	14671	49.95
18	4053	485	110	4648	2322	2072	0	140	4551	4742	-1125	12799	0	12799	1857	14656	50.01
19	4366	322	110	4798	2426	2361	0	29	4635	4435	-1111	12938	0	12938	1854	14792	49.98
20	4459	589	100	5148	2214	2616	0	0	4666	4631	-907	13702	0	13702	1857	15559	49.93
21	4481	311	100	4892	2026	2743	0	0	4486	4430	-698	13393	0	13393	1810	15203	49.97
22	4472	286	110	4868	2062	2759	0	0	4244	4177	-815	13051	0	13051	1762	14813	49.94
23	4474	195	100	4769	2035	2647	0	0	3902	3779	-833	12397	0	12397	1728	14125	50.00
24	4502	176	110	4788	2101	2421	0	0	4122	3810	-841	12279	0	12279	1649	13928	50.02
MUs	105.75	7.12	2.51	115.38	52.67	54.95	0.00	5.11	103.09	103.37	-23.31	308.18	0.00	308.18	42.03	350.21	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/Aug/2020

Position as on 6.30 Hrs of 07/Aug/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 Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna STG-IV Unit-3	250	03/08/2020	09.27		Continued.	Annual Overhaul	
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	
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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Aug/2020

Position as on 6.30 Hrs of 07/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	28/07/2020	14.23	06/08/2020	04.25	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	04/08/2020	13.10		Continued.	Zero schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator Rphase winding.	
MSPGCL	Khaparkheda Unit 3	210	06/08/2020	09.51		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	06/08/2020	11.48		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 07/Aug/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	30/07/2020	12.45		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	06/08/2020	15.45	06/08/2020	23.45	PO	CVT Replacement
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	06/08/2020	16.20	06/08/2020	16.33	T	Tripped from Kolhapur PG end only
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	06/08/2020	17.15	06/08/2020	18.41	T	Tripped from Kolhapur PG end only
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/07/2020	18.11		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	05/08/2020	19.04	06/08/2020	09.28	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	05/08/2020	20.06		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	05/08/2020	20.19	06/08/2020	07.07	EO	Attending Hot Spot.
Bhusawal-Aurangabad	IntraState	05/08/2020	21.15	07/08/2020	06.35	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/08/2020	21.58	06/08/2020	09.35	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	06/08/2020	07.20	06/08/2020	18.27	PO	CT&CVT Tan Delta testing
Chandrapur-II - Nanded ckt II	IntraState	06/08/2020	13.58		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/08/2020	20.10		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	06/08/2020	21.55		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 Kv 500 MVA ICT-I @Kalwa	IntraState	06/08/2020	00.15	06/08/2020	08.22	HT	Over Voltage
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	06/08/2020	13.11		Continued.	T	NDR Operated
400/220kv 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	06/08/2020	13.40	06/08/2020	17.56	PO	DC Leakage
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	07/08/2020	01.05	07/08/2020	06.43	HT	H/T from LV side for Over Voltage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	07/08/2020	01.28		Continued.	HT	H/T from LV side for 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)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Dahanu-Viraj	IntraState	04/08/2020	11.38	06/08/2020	16.55	EO	R Phase PT Dropper Conductor Snapped
Karad-Nerle	IntraState	05/08/2020	15.21	06/08/2020	12.23	HT	To Contol Loading On Pophali-Nerele And Nereale- Pedambe Line.
Uran - Ongc Uran	IntraState	05/08/2020	15.58	06/08/2020	13.30	T	Distance Protection
Ongc Uran - Jnpt	IntraState	05/08/2020	15.58	06/08/2020	13.30	T	Distance Protection
Uran - Apta III	IntraState	05/08/2020	17.27	06/08/2020	14.20	T	Distance Protection
Trombay - Mulund	IntraState	05/08/2020	18.23	06/08/2020	09.30	T	Distance Protection
Apta - Kalwa1	IntraState	05/08/2020	18.25	06/08/2020	14.43	T	Distance Protection
Kalwa Panchanand	IntraState	05/08/2020	20.17	06/08/2020	13.09	HT	For load management due to tripping of kalwa-Apta line.
Talandage(400kv) - Five Star Midc	IntraState	06/08/2020	13.50	06/08/2020	15.50	PO	Testing Work
Karad-Nerle	IntraState	06/08/2020	14.22	07/08/2020	04.06	HT	Load Management

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/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 07/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Oni Kharepatan Line	IntraState	06/08/2020	14.39	06/08/2020	15.29	T	Distance Protection
Pedambe-Nerle	IntraState	07/08/2020	03.23		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	06/08/2020	09.23	06/08/2020	20.19	PO	Testing Work