

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.997	598.834	1) Gujrat	-1.654	0.918
2) Hydro	8.139	26.335	2) Madhya Pradesh	4.933	32.046
3) Gas	2.550	13.490	3) Chattisgarh	4.700	22.040
Total MSPGCL	122.686	638.659	4) Maharashtra	102.602	575.268
B) 1) APML	26.281	133.758	5) Goa (Amona)	-1.473	-6.540
2) JSWEL	15.100	81.450	Total	109.108	623.732
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.197	124.022
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.462	132.573
5) WPCL	7.370	37.618	c) MSEDCL Bilateral *	32.667	155.967
6) Other IPP	6.578	36.412	Include PX	-3.014	10.988
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.197	124.022
C) 1) TPCL Thermal	7.469	37.288	Include PX	15.167	88.762
2) TPCL Hydro	1.666	5.693	Standby	0.000	0.000
3) TPCL Gas	4.064	21.022	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.858	23.652	1) MSEDCL	311.174	1621.150
D) STATE			2) Mumbai Discoms	43.517	220.223
1) Thermal	179.653	949.012	TOTAL STATE	354.691	1841.373
(A1+C1+C4+(B1-B6))					
2) Hydro	9.805	32.028			
(A2+C2)					
3) Gas	6.614	34.512			
(A3+B7+C3)					
4) Wind	44.687	174.606			
6) SOLAR	4.826	27.488			
TOTAL STATE	245.585	1217.646			

* 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 24 Hrs
MSPGCL Thermal	4897	4588	4774	4673
MSPGCL Hydro	375	229	316	276
MSPGCL Gas	110	110	110	100
MSPGCL Total Generation	5382	4927	5200	5049
Central Sector Receipt	5866	5750	3904	2960
WIND	1409	1872	2385	2202
CPP / IPP Thermal	2607	2300	2435	2027
CPP / IPP Gas	0	0	0	0
SOLAR	634	671	0	0
Exchange with Mumbai	-1347	-1470	-954	-829
MSEDCL DEMAND MET	14551	14050	12970	11409
Load Shedding	0	0	0	0
MSEDCL DEMAND	14551	14050	12970	11409
TPCL GENERATION	559	510	634	591
AEML GENERATION	251	189	190	189
MUMBAI DEMAND	2157	2169	1778	1609
STATE DEMAND MET	16708	16219	14748	13018
STATE DEMAND	16708	16219	14748	13018
Frequency (Hz)	50.01	50.06	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.00 Hrs	49.73 Hz at 08.14 Hrs	49.99	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/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	10.51	54.28	462	401
Unit 9	9.00	49.34	445	266
Unit 10	0.00	0.00	0	0
Total	19.50	103.63		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	32.53	0	0
Unit 5	8.91	45.38	425	355
Total	8.91	77.91		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.32	7.97	150	103
Unit 4	2.98	17.02	130	96
Unit 5	8.95	44.61	395	362
Unit 6	8.88	45.32	420	343
Unit 7	8.52	43.26	366	340
Unit 8	9.18	45.78	455	360
Unit 9	9.14	47.27	440	360
Total	50.96	251.23		
Paras				
Unit 3	4.38	22.74	205	148
Unit 4	4.26	20.62	201	157
Total	8.64	43.35		
Khaparkheda				
Unit 1	3.18	17.74	155	105
Unit 2	3.65	14.90	170	115
Unit 3	3.93	20.28	180	158
Unit 4	4.04	20.72	185	161
Unit 5	9.18	49.07	415	350
Total	23.98	122.72		
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	2.55	13.49	120	60
Total	2.55	13.49		
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)	0.97	3.78	47	32

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.97	3.78		
Koyna				
Stage 1-2	2.10	10.28	390	35
Stage 4	0.87	2.61	321	0
Stage 3	2.95	8.30	226	0
Total	5.93	21.20		
Hydro				
KDPH	0.00	0.70	0	0
VTRNA	0.00	0.00	0	0
TILLARI	1.30	2.52	58	50
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.50	1.26	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.14	0.18	18	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.27	0.27	12	11
GHATGHAR	0.00	0.00	0	0
Total	2.21	5.14		
Wind				
Total	44.69	174.61	0	0
Total	44.69	174.61		
CPP				
APML(Mus)	26.28	133.76	0	0
JSWEL(Mus)	15.10	81.45	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.37	37.62	0	0
Other(Mus)	6.58	36.41	0	0
Total	55.33	289.24		
SOLAR				
Total	4.83	27.49	0	0
Total	4.83	27.49		
Tata				
Trombay 5	7.47	37.29	409	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	13.36	118	62
Trombay 7B	1.51	7.66	67	48
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.67	5.69	190	7
Total	13.20	64.00		
AEML				
DTPS U-1&2	4.86	23.65	253	188
Total	4.86	23.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.00	598.83	MSPGCL Total	122.69	638.66
			MSPGCL Thml+Gas	114.55	612.32	Koyna 1,2 & 4 Total	2.98	12.90
			MSPGCL Hydro	8.14	26.34	State Total	245.58	1217.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4618	160	110	4888	1667	2483	0	0	4563	4268	-1055	12251	0	12251	1762	14013	49.93
2	4564	102	110	4776	1673	2088	0	0	4659	4301	-983	11855	0	11855	1676	13531	50.02
3	4495	97	110	4702	1366	2077	0	0	4188	4510	-938	11717	0	11717	1615	13332	50.00
4	4456	148	120	4724	1390	2270	0	0	4335	4307	-887	11804	0	11804	1567	13371	49.98
5	4448	244	110	4802	1547	2306	0	0	4675	4331	-871	12115	0	12115	1548	13663	49.98
6	4609	252	120	4981	1396	2474	0	0	4767	4786	-881	12756	0	12756	1560	14316	49.96
7	4660	855	110	5625	1577	2644	0	30	4808	4855	-819	13912	0	13912	1579	15491	49.97
8	4704	747	110	5561	1456	2659	0	161	5336	4974	-792	14019	0	14019	1675	15694	49.95
9	4815	489	120	5424	1362	2698	0	351	5527	5542	-929	14448	0	14448	1830	16278	49.92
10	4849	371	120	5340	1204	2666	0	524	5673	5714	-1195	14253	0	14253	2030	16283	50.01
11	4897	375	110	5382	1409	2607	0	634	5845	5866	-1347	14551	0	14551	2157	16708	50.01
12	4669	303	120	5092	1866	2437	0	707	5824	5423	-1439	14086	0	14086	2209	16295	50.05
13	4588	229	110	4927	1872	2300	0	671	5845	5750	-1470	14050	0	14050	2169	16219	50.06
14	4622	229	120	4971	1936	2132	0	669	5331	5108	-1425	13391	0	13391	2100	15491	50.03
15	4600	239	110	4949	2204	2073	0	536	5430	5093	-1306	13549	0	13549	2057	15606	49.97
16	4640	218	110	4968	2319	2060	0	334	5327	4712	-1234	13159	0	13159	1965	15124	50.02
17	4680	211	60	4951	2576	2061	0	137	4777	4271	-1204	12792	0	12792	1889	14681	50.02
18	4651	226	70	4947	2207	2078	0	64	4167	4198	-1172	12322	0	12322	1842	14164	50.01
19	4879	791	70	5740	2347	2263	0	8	3560	3535	-1133	12760	0	12760	1808	14568	50.02
20	4774	316	110	5200	2385	2435	0	0	4574	3904	-954	12970	0	12970	1778	14748	49.97
21	4691	309	100	5100	2239	2223	0	0	4461	3790	-888	12464	0	12464	1746	14210	49.98
22	4703	411	110	5224	2316	2170	0	0	3373	3458	-859	12309	0	12309	1696	14005	49.94
23	4712	541	110	5363	2171	2098	0	0	3230	3452	-852	12232	0	12232	1652	13884	49.92
24	4673	276	100	5049	2202	2027	0	0	3147	2960	-829	11409	0	11409	1609	13018	49.99
MUs	112.00	8.14	2.55	122.69	44.69	55.33	0.00	4.83	113.42	109.11	-25.46	311.17	0.00	311.17	43.52	354.69	49.99

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/Aug/2020

Position as on 6.30 Hrs of 06/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 05/Aug/2020

Position as on 6.30 Hrs of 06/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.	

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

Statement-VII

Position as on 6.30 Hrs of 06/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
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
Khadka-Aurangabad (Waluj)	IntraState	31/07/2020	17.10	05/08/2020	06.31	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	03/08/2020	22.07	05/08/2020	11.46	HT	Over Voltage
Padghe - Kalwa- I	IntraState	04/08/2020	21.40	05/08/2020	10.00	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/08/2020	21.46	05/08/2020	10.43	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	05/08/2020	06.35	05/08/2020	20.05	PO	String Replacement
Warora -IEPL	IntraState	05/08/2020	11.24	05/08/2020	12.57	T	PT phase fail.
Padghe - Kalwa- I	IntraState	05/08/2020	19.04		Continued.	HT	Over Voltage
Babhaleshwar - 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	PO	Attending Hot Spot.
Bhusawal-Aurangabad	IntraState	05/08/2020	21.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/08/2020	21.58		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.
400/220kv 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	05/08/2020	17.50	05/08/2020	18.52	T	Tripped on PDR
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	05/08/2020	17.50	05/08/2020	18.52	T	Tripped On PDR.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	06/08/2020	00.15	06/08/2020	08.22	HT	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		Continued.	EO	R Phase PT Dropper Conductor Snapped
Urse - Talegaon (Ambi) Ckt 1	IntraState	05/08/2020	01.39	05/08/2020	23.30	T	Distance Protection
Urse - Talegaon (Ambi) Ckt 2	IntraState	05/08/2020	01.40	05/08/2020	02.13	T	Tripped at Urse end only
Sahara-Urse	IntraState	05/08/2020	09.25	05/08/2020	23.20	HT	For load management.
New Koyna - Loteparshuram	IntraState	05/08/2020	10.05	05/08/2020	12.46	PO	Relay Replacement work.
Bableshwar- Alephata ckt I	IntraState	05/08/2020	13.31	05/08/2020	17.55	HT	Hand tripped for load management.
Karad-Nerle	IntraState	05/08/2020	15.21		Continued.	HT	To Contol Loading On Pophali-Nerle And Nereale- Pedambe Line.
Roma-Bhavegar	IntraState	05/08/2020	15.41	05/08/2020	20.55	T	Distance Protection
Ongc Uran - Jnpt	IntraState	05/08/2020	15.58		Continued.	T	Distance Protection
Uran - Ongc Uran	IntraState	05/08/2020	15.58		Continued.	T	Distance Protection
Topworth - Kharghar	IntraState	05/08/2020	16.19	05/08/2020	23.00	T	Distance Protection
Kharghar - Nerul	IntraState	05/08/2020	16.24	05/08/2020	19.00	T	Y-phase fault.
Uran - Apta III	IntraState	05/08/2020	17.27		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 05/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 06/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay - Mulund	IntraState	05/08/2020	18.23		Continued.	T	Distance Protection
Apta - Kalwa1	IntraState	05/08/2020	18.25		Continued.	T	Distance Protection
Kalwa Panchanand	IntraState	05/08/2020	20.17		Continued.	HT	For load management due to tripping of kalwa-Apta line.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	05/08/2020	09.56	05/08/2020	14.25	HT	Due to outage on Kanhar-Mansar line.
Kanhan-Mansar	IntraState	05/08/2020	09.57	05/08/2020	12.45	PO	Insulator Replacement Work

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