

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.173	782.001	1) Gujrat	-0.590	-1.573
2) Hydro	8.311	42.938	2) Madhya Pradesh	8.391	68.699
3) Gas	5.818	40.681	3) Chattisgarh	4.770	34.440
Total MSPGCL	136.302	865.620	4) Maharashtra Net	100.021	716.880
B) 1) APML	55.176	391.031	5) Goa (Amona)	-0.682	-5.478
2) JSWEL	18.652	133.413	Total	111.910	812.968
3) VIPL	7.459	38.930	a) Mumbai Schedule	24.988	168.883
4) RPL(AMT)	29.663	186.320	b) Mumbai Drawl	26.881	199.292
5) WPCL	4.765	32.183	c) MSEDCL Bilateral *	14.091	135.128
6) PGPL	0.000	0.000	Include PX	-2.044	0.556
7) Other IPP	3.672	25.576	d) Mumbai Bilateral *	24.988	168.883
C) 1) TPCL Thermal	14.964	96.547	Include PX	6.906	58.625
2) TPCL Hydro	4.804	31.277	Include Standby	0.000	0.000
3) TPCL Gas	4.042	21.354	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.489	68.306	1) MSEDCL	394.890	2674.932
D) STATE			2) Mumbai Discoms	61.180	416.777
1) Thermal	267.013	1754.307	TOTAL STATE	456.070	3091.709
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.115	74.215			
3) Gas (A3+B6+C3)	9.860	62.035			
4) Wind	50.678	358.629			
6) SOLAR	3.494	29.554			
TOTAL STATE	344.160	2278.740			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5252	5263	5052	4756
MSPGCL Hydro	394	356	464	105
MSPGCL Gas	247	237	238	239
MSPGCL Total Generation	5893	5856	5754	5100
Central Sector Receipt	5548	5570	4685	3583
WIND	2050	2154	2035	2059
CPP / IPP Thermal	5022	5025	5072	4673
CPP / IPP Gas	0	0	0	0
SOLAR	462	477	12	0
Exchange with Mumbai	-1510	-1452	-1134	-784
MSEDCL DEMAND MET	17465	17630	16424	14631
Load Shedding	0	0	0	0
MSEDCL DEMAND	17465	17630	16424	14631
TPCL GENERATION	1123	1116	1215	632
R-INFRA GENERATION	501	501	502	376
MUMBAI DEMAND	3134	3069	2851	1792
STATE DEMAND MET	20599	20699	19275	16423
STATE DEMAND	20599	20699	19275	16423
Frequency (Hz)	49.99	49.96	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.68 Hz at 22.21 Hrs	49.95	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 07/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.92	0	0
Unit 8	10.30	61.40	505	347
Unit 9	9.78	63.42	494	351
Unit 10	0.00	0.00	0	0
Total	20.07	128.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.00	67.83	425	340
Unit 5	7.09	64.36	395	0
Total	16.09	132.20		
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	5.40	35.26	248	180
Unit 8	5.84	37.58	248	235
Total	11.24	72.84		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.84	14.65	183	100
Unit 5	9.76	68.08	415	390
Unit 6	10.83	53.81	480	425
Unit 7	10.42	71.70	450	407
Unit 8	10.46	45.70	470	402
Unit 9	0.00	0.00	0	0
Total	45.31	253.94		
Paras				
Unit 3	5.49	36.10	244	211
Unit 4	5.50	35.19	248	210
Total	10.99	71.29		
Khaparkheda				
Unit 1	2.82	21.80	150	85
Unit 2	3.88	25.50	175	120
Unit 3	0.00	11.40	0	0
Unit 4	3.95	27.21	176	150
Unit 5	3.79	8.75	450	0
Total	14.43	94.66		
Nasik				
Unit 3	1.42	1.42	158	0
Unit 4	2.60	26.91	182	0
Unit 5	0.00	0.00	0	0
Total	4.03	28.33		
Uran				
All Units	5.82	40.68	260	236
Total	5.82	40.68		
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)	0.00	0.52	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.52		
Koyna				
Stage 1-2	3.01	13.41	325	40
Stage 4	1.13	5.79	385	0
Stage 3	1.31	7.14	160	0
Total	5.44	26.34		
Hydro				
KDPH	0.86	2.11	36	36
VTRNA	0.00	0.56	0	0
TILLARI	0.78	4.68	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	2.83	80	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	2.34	14	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	3.75	26	14
GHATGHAR	0.00	0.00	0	0
Total	2.87	16.60		
Wind				
Total	50.68	358.63	0	0
Total	50.68	358.63		
CPP				
APML(Mus)	55.18	391.03	0	0
JSWEL(Mus)	18.65	133.41	0	0
VIPL(Mus)	7.46	38.93	0	0
RPLAMT(Mus)	29.66	186.32	0	0
WPCL(Mus)	4.76	32.18	0	0
Other(Mus)	3.67	25.58	0	0
Total	119.39	807.45		
SOLAR				
Total	3.49	29.55	0	0
Total	3.49	29.55		
Tata				
Trombay 5	9.56	59.71	483	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.51	13.55	115	64
Trombay 7B	1.53	7.81	67	51
Trombay 8	5.41	36.84	241	213
TATA Hydro	4.80	31.28	442	0
Total	23.81	149.18		
R-INFRA				
DTPS U-1&2	10.49	68.31	502	375
Total	10.49	68.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.17	782.00	MSPGCL Total	136.30	865.62
			MSPGCL Thml+Gas	127.99	822.68	Koyna 1,2 & 4 Total	4.14	19.20
			MSPGCL Hydro	8.31	42.94	State Total	344.16	2278.74

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 07/Aug/2018

Annexure-2

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	4797	110	239	5146	2364	4729	0	0	3799	3832	-1014	15057	0	15057	2123	17180	49.93
2	4728	110	239	5077	2253	4731	0	0	3502	3796	-900	14957	0	14957	1958	16915	49.99
3	4764	105	250	5119	2173	4810	0	0	3656	3617	-820	14899	0	14899	1847	16746	50.02
4	4756	105	239	5100	2059	4673	0	0	3634	3583	-784	14631	0	14631	1792	16423	49.98
5	4832	120	238	5190	2238	4656	0	0	3791	3998	-787	15295	0	15295	1795	17090	49.93
6	5064	195	260	5519	2209	4873	0	0	4224	4706	-849	16458	0	16458	1926	18384	49.92
7	5266	564	237	6067	2060	5064	0	12	5130	5230	-717	17716	0	17716	2094	19810	49.89
8	5459	684	240	6383	1975	5028	0	99	5309	5456	-825	18116	0	18116	2283	20399	49.97
9	5529	616	248	6393	1888	5052	0	251	4989	4993	-1018	17559	0	17559	2599	20158	50.00
10	5379	735	237	6351	2133	5043	0	349	4698	4764	-1187	17453	0	17453	2923	20376	49.98
11	5233	606	239	6078	1838	5039	0	443	4916	5119	-1360	17157	0	17157	3092	20249	50.02
12	5252	394	247	5893	2050	5022	0	462	5208	5548	-1510	17465	0	17465	3134	20599	49.99
13	5263	356	237	5856	2154	5025	0	477	5248	5570	-1452	17630	0	17630	3069	20699	49.96
14	5285	230	247	5762	2318	5027	0	537	5276	5160	-1507	17297	0	17297	2994	20291	50.00
15	5241	170	243	5654	2407	5036	0	368	5320	5446	-1587	17324	0	17324	2996	20320	49.91
16	5178	249	237	5664	2295	5035	0	246	5438	5733	-1559	17414	0	17414	2984	20398	49.96
17	5077	356	236	5669	2203	5035	0	159	5233	5480	-1460	17086	0	17086	2952	20038	49.93
18	4993	487	247	5727	2013	5050	0	79	5007	4887	-1243	16513	0	16513	2877	19390	49.98
19	5052	464	238	5754	2035	5072	0	12	4598	4685	-1134	16424	0	16424	2851	19275	49.99
20	5040	603	237	5880	1857	5188	0	0	4470	4328	-991	16262	0	16262	2835	19097	49.84
21	5035	502	259	5796	1933	5139	0	0	4327	4246	-904	16210	0	16210	2721	18931	49.93
22	5038	194	238	5470	1973	5114	0	0	4110	3981	-992	15546	0	15546	2572	18118	49.95
23	4997	252	237	5486	2134	4968	0	0	4174	3854	-1146	15296	0	15296	2440	17736	49.83
24	4915	104	249	5268	2116	4975	0	0	4026	3898	-1135	15122	0	15122	2323	17445	49.93
MUs	122.17	8.31	5.82	136.30	50.68	119.39	0.00	3.49	110.08	111.91	-26.88	394.89	0.00	394.89	61.18	456.07	49.95

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 07/Aug/2018

Position as on 6.30 Hrs of 08/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	Bucchholz relay operated.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	due to low pressure.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	compressor search protection	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Nasik Unit 3	210	28/07/2018	00:15	07/08/2018	12.50	Dhariwal Exchange	
MSPGCL	Khaparkhedha Unit 3	210	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	
MSPGCL	Bhusawal Unit 5	500	06/08/2018	20.17	07/08/2018	4.25	Attending Hot Spot At GT R -Phase Bushing.	
MSPGCL	Koyna STG-IV Unit-2	250	07/08/2018	09.00		Continued.	replacement of Valve.	
MSPGCL	Khaparkhedha Unit 5	500	07/08/2018	09.33		Continued.	Due To Speed Sensor Supply Failed.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 08/Aug/2018

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 1	IntraState	06/08/2018	20.20	07/08/2018	00.09	EO	Attending Water Leakage In Valve.
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	06/08/2018	08.50		Continued.	PO	Line Maintenance work
Chakan Talegaon(Pg)	InterState	07/08/2018	11.43	07/08/2018	12.08	T	Shifted On B-Bus
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Main Bus-II @ Kolhapur	IntraState	06/08/2018	09.32	07/08/2018	16.42	PO	Replacement Of String, Alignment Bus Hangers.
karad -kolhapur-II	IntraState	06/08/2018	12.23	07/08/2018	09.29	T	DP, Decapping At LOC. No.18 YPH. REC@18:55.
Chandrapur II - Chandrapur ckt I	IntraState	07/08/2018	09.22	07/08/2018	18.06	PO	RM & Dignostic Testing.
karad -kolhapur-I	IntraState	07/08/2018	10.01	07/08/2018	15.40	EO	Isolator alignment Work.
Karad - Jaigad - II	IntraState	07/08/2018	20.36		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	07/08/2018	12.35	07/08/2018	17.25	EO	B Ph PG Isolator Rotary Insulator To Be Changed By Hot Line Method.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Pophli Pedhmbe Line- 1	IntraState	05/08/2018	05.17		Continued.	T	Distance Protection
Taloja li - OCIL-II	IntraState	06/08/2018	11.28		Continued.	PO	Replacement Of Y & B PH CT.
Bus section-I @ Tambati	IntraState	07/08/2018	08.30	07/08/2018	16.18	PO	Attending R ph CT Oil Leakage Of 220kv Sectionliser.
Bus Coupler @ Borivali	IntraState	07/08/2018	09.19	07/08/2018	14.13	PO	Annual Maint. Of GIS Bus.
Kalwa-TIFIL	IntraState	07/08/2018	10.10	07/08/2018	10.15	HT	Avail Outage But Charged Due To Tripping On Siemens Line.
Kalwa - Colourchem	IntraState	07/08/2018	10.11	07/08/2018	10.37	T	Backup Protection
Mahape - TIFIL	IntraState	07/08/2018	10.11	07/08/2018	10.24	T	Distance Protection
Kalwa - Siemens	IntraState	07/08/2018	10.11	07/08/2018	16.15	T	B-PH Jumper Opened At Siemens End.
BHUGAON WARORA CKT-I	IntraState	07/08/2018	11.31	07/08/2018	13.35	PO	Line Maintenance work
BHUGAON WARORA CKT-II	IntraState	07/08/2018	13.36	07/08/2018	15.37	PO	Line Maintenance work
Harangul-Parly	IntraState	07/08/2018	18.17	07/08/2018	21.34	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.

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