

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jul/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.997	3487.629	1) Gujrat	2.199	136.159
2) Hydro	5.108	220.339	2) Madhya Pradesh	10.038	339.145
3) Gas	2.720	87.713	3) Chattisgarh	5.010	165.720
Total MSPGCL	135.825	3795.681	4) Maharashtra	127.452	3648.161
B) 1) APML	30.919	843.039	5) Goa (Amona)	-1.234	-15.234
2) JSWEL	18.884	534.360	Total	143.465	4273.951
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.398	819.047
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.185	785.044
5) WPCL	8.761	226.135	c) MSEDCL Bilateral *	35.286	1103.339
6) Other IPP	9.387	229.480	Include PX	7.192	222.098
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.398	819.047
C) 1) TPCL Thermal	9.234	244.961	Include PX	21.774	566.524
2) TPCL Hydro	1.408	112.044	Standby	0.000	0.000
3) TPCL Gas	4.386	116.996	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.397	154.872	1) MSEDCL	337.262	10051.270
D) STATE			2) Mumbai Discoms	46.610	1413.917
1) Thermal	210.579	5720.476	TOTAL STATE	383.872	11465.187
(A1+C1+C4+(B1-B6))					
2) Hydro	6.516	332.383			
(A2+C2)					
3) Gas	7.106	204.709			
(A3+B7+C3)					
4) Wind	10.438	764.027			
6) SOLAR	5.768	169.641			
TOTAL STATE	240.407	7191.236			

* 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 4 Hrs
MSPGCL Thermal	5526	5595	5101	5024
MSPGCL Hydro	190	355	481	50
MSPGCL Gas	110	110	110	110
MSPGCL Total Generation	5826	6060	5692	5184
Central Sector Receipt	7096	6609	5487	5355
WIND	132	207	1120	97
CPP / IPP Thermal	2807	2813	2752	2840
CPP / IPP Gas	0	0	0	0
SOLAR	728	718	0	0
Exchange with Mumbai	-1339	-1402	-1038	-872
MSEDCL DEMAND MET	15250	15005	14013	12604
Load Shedding	0	0	0	0
MSEDCL DEMAND	15250	15005	14013	12604
TPCL GENERATION	658	641	802	497
AEML GENERATION	252	253	189	190
MUMBAI DEMAND	2249	2296	2029	1559
STATE DEMAND MET	17499	17301	16042	14163
STATE DEMAND	17499	17301	16042	14163
Frequency (Hz)	49.97	49.96	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.30 Hrs	49.75 Hz at 09.11 Hrs	49.97	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 31/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	11.01	187.58	550	360
Unit 9	11.66	325.12	555	400
Unit 10	0.00	263.90	0	0
Total	22.67	776.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.96	149.72	500	360
Unit 5	10.07	77.50	460	360
Total	21.02	227.22		
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	77.13	0	0
Unit 4	3.73	113.21	158	130
Unit 5	9.11	274.07	405	353
Unit 6	8.79	257.43	390	325
Unit 7	8.26	271.68	358	333
Unit 8	10.42	297.25	460	390
Unit 9	10.84	272.11	470	400
Total	51.14	1562.88		
Paras				
Unit 3	5.09	143.95	230	190
Unit 4	4.88	143.83	214	197
Total	9.97	287.78		
Khaparkheda				
Unit 1	3.80	110.75	170	145
Unit 2	0.00	0.00	0	0
Unit 3	4.33	113.52	185	165
Unit 4	4.22	127.74	190	165
Unit 5	10.84	281.16	495	419
Total	23.19	633.16		
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	2.72	87.71	120	110
Total	2.72	87.71		
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)	0.79	12.31	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.79	12.31		
Koyna				
Stage 1-2	3.67	86.06	355	35
Stage 4	0.26	48.80	158	0
Stage 3	0.98	44.07	106	0
Total	4.90	178.94		
Hydro				
KDPH	0.00	12.81	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	9.69	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	9.79	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.04	1.02	20	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	7.47	0	0
GHATGHAR	0.00	0.00	0	0
Total	0.20	41.40		
Wind				
Total	10.44	764.03	0	0
Total	10.44	764.03		
CPP				
APML(Mus)	30.92	843.04	0	0
JSWEL(Mus)	18.88	534.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.76	226.14	0	0
Other(Mus)	9.39	229.48	0	0
Total	67.95	1833.01		
SOLAR				
Total	5.77	169.64	0	0
Total	5.77	169.64		
Tata				
Trombay 5	9.23	244.96	468	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	72.78	117	116
Trombay 7B	1.58	44.21	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.41	112.04	348	4
Total	15.03	474.00		
AEML				
DTPS U-1&2	5.40	154.87	253	189
Total	5.40	154.87		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.00	3487.63	MSPGCL Total	135.82	3795.68
			MSPGCL Thml+Gas	130.72	3575.34	Koyna 1,2 & 4 Total	3.92	134.86
			MSPGCL Hydro	5.11	220.34	State Total	240.41	7191.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	5156	146	110	5412	295	2830	0	0	5729	5484	-1043	12978	0	12978	1783	14761	50.00
2	5016	138	120	5274	231	2847	0	0	5486	5433	-992	12793	0	12793	1685	14478	49.98
3	4987	165	110	5262	124	2841	0	0	5424	5516	-919	12824	0	12824	1614	14438	49.98
4	5024	50	110	5184	97	2840	0	0	5543	5355	-872	12604	0	12604	1559	14163	49.94
5	5267	40	110	5417	77	2835	0	0	5656	5571	-817	13083	0	13083	1530	14613	49.95
6	5479	255	120	5854	174	2819	0	11	6018	5925	-774	14009	0	14009	1561	15570	49.92
7	5495	355	110	5960	32	2797	0	84	6683	6276	-664	14485	0	14485	1576	16061	49.93
8	5498	235	120	5853	45	2813	0	272	7166	6923	-783	15123	0	15123	1683	16806	49.98
9	5503	115	110	5728	62	2817	0	516	7337	7364	-974	15513	0	15513	1881	17394	49.98
10	5507	350	120	5977	85	2792	0	684	7325	6894	-1186	15246	0	15246	2095	17341	49.95
11	5526	190	110	5826	132	2807	0	728	7304	7096	-1339	15250	0	15250	2249	17499	49.97
12	5497	335	110	5942	98	2832	0	777	7134	6775	-1418	15006	0	15006	2327	17333	49.94
13	5595	355	110	6060	207	2813	0	718	6960	6609	-1402	15005	0	15005	2296	17301	49.96
14	5562	125	110	5797	217	2812	0	690	6755	6683	-1470	14729	0	14729	2238	16967	50.01
15	5486	260	120	5866	296	2828	0	590	6561	6361	-1457	14484	0	14484	2229	16713	49.98
16	5375	315	110	5800	526	2817	0	394	6498	6186	-1306	14417	0	14417	2192	16609	49.97
17	5294	290	110	5694	736	2777	0	213	6223	6215	-1237	14398	0	14398	2134	16532	49.98
18	5187	40	120	5347	1222	2813	0	79	6197	5640	-1201	13900	0	13900	2049	15949	49.99
19	4955	45	110	5110	1294	2654	0	12	6445	5776	-1269	13577	0	13577	1974	15551	49.98
20	5101	481	110	5692	1120	2752	0	0	5764	5487	-1038	14013	0	14013	2029	16042	49.95
21	5387	433	120	5940	1127	2993	0	0	5019	4664	-853	13871	0	13871	2027	15898	49.93
22	5384	150	110	5644	801	2991	0	0	5164	4926	-861	13501	0	13501	1988	15489	49.99
23	5379	125	120	5624	798	2985	0	0	5209	5088	-1103	13392	0	13392	1967	15359	50.01
24	5337	115	110	5562	642	2846	0	0	5453	5218	-1207	13061	0	13061	1944	15005	50.00
MUs	128.00	5.11	2.72	135.82	10.44	67.95	0.00	5.77	149.05	143.46	-26.18	337.26	0.00	337.26	46.61	383.87	49.97

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 31/Jul/2020

Position as on 6.30 Hrs of 01/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 Unit 4	70	16/07/2020	11.05		Continued.	Service Seal Leakage	
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 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jul/2020

Position as on 6.30 Hrs of 01/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	
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	Koradi Unit 10	660	28/07/2020	14.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	30/07/2020	03.27		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 01/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
Khadka-Aurangabad (Waluj)	IntraState	22/07/2020	17.26	31/07/2020	13.14	HT	Over Voltage
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04		Continued.	T	400 KV Bus Coupler Y Phase CT Blast.
Karad-Jaigad - I	IntraState	29/07/2020	18.11		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	30/07/2020	17.08	31/07/2020	09.13	HT	Over Voltage
Padghe - Kalwa- I	IntraState	30/07/2020	20.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/07/2020	23.30		Continued.	HT	Over Voltage
Deepnagar Waluj 1	IntraState	31/07/2020	13.07	31/07/2020	17.02	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	31/07/2020	17.10		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	31/07/2020	21.20		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/07/2020	21.27		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 500MVA ICT-IV @ Babhaleshwar	IntraState	24/07/2020	07.15		Continued.	T	Differential protection
400/220/33kv 315mva Ict3 @Lonikand	IntraState	31/07/2020	08.15		Continued.	EO	Carry out OLTC overhauling work on urgent basis.
400/11.5 KV 90MVA Station T/F III @ Chandrapur	IntraState	31/07/2020	09.50	31/07/2020	18.10	EO	1) Measurement of CT tan Delta & Capacitance. 2) Circuit breaker CRM, DCRM & Timing.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	31/07/2020	13.18	31/07/2020	18.44	PO	Commissioning /installation of buchholz along with GCD for 400/220/33KV 3*167MVA ICT-5.
400/220kv 315 Mva ICT II @Karad	IntraState	31/07/2020	23.00	31/07/2020	23.30	HT	HV Y PH Bus 2 Isolator Sparking.
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)
Malharpeth - Karad(400kv)	IntraState	31/07/2020	05.56	31/07/2020	06.26	T	Distance Protection
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	31/07/2020	09.27	31/07/2020	18.18	PO	DPS Testing and A/R Verification work at Navsari s/s end.
Main Bus-I@Versova	IntraState	31/07/2020	10.21	31/07/2020	18.10	PO	Erection of Column and truss members above 220kv GIS plinth for Shed.
Temghar - Kalwa	IntraState	31/07/2020	12.12	31/07/2020	15.15	HT	BUS Section-4 @ TEMGHAR Outage.
Padgha-Temghar-II	IntraState	31/07/2020	12.17	31/07/2020	15.11	HT	BUS Section-4 @ TEMGHAR Outage.
Malegaon-Satana	IntraState	31/07/2020	13.51		Continued.	T	Distance Protection
Mahad-Kandalgaon	IntraState	31/07/2020	15.06	31/07/2020	17.47	HT	R PH cc Oil Leakage Attending Work.

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