

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jul/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.442	3359.632	1) Gujrat	2.535	133.960
2) Hydro	9.767	215.231	2) Madhya Pradesh	10.640	329.107
3) Gas	2.725	84.993	3) Chattisgarh	4.680	160.710
Total MSPGCL	140.934	3659.856	4) Maharashtra	130.563	3520.709
B) 1) APML	30.978	812.120	5) Goa (Amona)	-0.970	-14.000
2) JSWEL	18.611	515.476	Total	147.448	4130.486
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.237	787.649
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.396	758.859
5) WPCL	8.608	217.374	c) MSEDCL Bilateral *	42.611	1068.053
6) Other IPP	8.729	220.093	Include PX	4.273	214.906
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.237	787.649
C) 1) TPCL Thermal	9.436	235.727	Include PX	20.877	544.750
2) TPCL Hydro	1.565	110.636	Standby	0.000	0.000
3) TPCL Gas	4.387	112.610	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.642	149.475	1) MSEDCL	340.538	9714.008
D) STATE			2) Mumbai Discoms	46.426	1367.307
1) Thermal	210.446	5509.897	TOTAL STATE	386.964	11081.315
(A1+C1+C4+(B1-B6))					
2) Hydro	11.332	325.867			
(A2+C2)					
3) Gas	7.112	197.603			
(A3+B7+C3)					
4) Wind	5.012	753.589			
6) SOLAR	5.614	163.873			
TOTAL STATE	239.516	6950.829			

* 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	5549	5596	5392	5142
MSPGCL Hydro	329	75	1180	35
MSPGCL Gas	100	120	110	115
MSPGCL Total Generation	5978	5791	6682	5292
Central Sector Receipt	7147	6818	5767	5338
WIND	90	214	479	78
CPP / IPP Thermal	2817	2809	2826	2660
CPP / IPP Gas	0	0	0	0
SOLAR	669	766	0	0
Exchange with Mumbai	-1359	-1386	-852	-860
MSEDCL DEMAND MET	15342	15012	14902	12508
Load Shedding	0	0	0	0
MSEDCL DEMAND	15342	15012	14902	12508
TPCL GENERATION	641	626	1025	496
AEML GENERATION	252	247	252	190
MUMBAI DEMAND	2252	2259	2129	1546
STATE DEMAND MET	17594	17272	17031	14054
STATE DEMAND	17594	17272	17031	14054
Frequency (Hz)	50.02	50.07	49.90	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 11.16 Hrs	49.7 Hz at 19.25 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 30/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	12.53	176.57	611	450
Unit 9	10.15	313.45	470	360
Unit 10	0.00	263.90	0	0
Total	22.68	753.92		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.80	138.77	490	360
Unit 5	10.06	67.43	455	360
Total	20.86	206.20		
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	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.48	77.13	178	0
Unit 4	3.70	109.48	160	140
Unit 5	9.37	264.96	410	345
Unit 6	8.83	248.65	400	325
Unit 7	8.61	263.42	370	342
Unit 8	10.70	286.83	460	425
Unit 9	10.28	261.27	445	415
Total	51.97	1511.74		
Paras				
Unit 3	5.30	138.86	245	180
Unit 4	4.74	138.95	210	172
Total	10.04	277.81		
Khaparkheda				
Unit 1	3.88	106.96	170	150
Unit 2	0.00	0.00	0	0
Unit 3	4.34	109.18	185	180
Unit 4	4.44	123.51	195	165
Unit 5	10.23	270.32	470	382
Total	22.89	609.97		
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	84.99	120	100
Total	2.72	84.99		
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)	0.49	11.52	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.49	11.52		
Koyna				
Stage 1-2	4.47	82.40	405	35
Stage 4	3.27	48.54	615	0
Stage 3	1.86	43.09	160	0
Total	9.60	174.03		
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.	0.17	9.63	40	0
RNGR+BHTSA	0.00	0.63	0	0
BHANDARDRA	0.00	0.97	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	7.47	0	0
GHATGHAR	0.00	0.00	0	0
Total	0.17	41.20		
Wind				
Total	5.01	753.59	0	0
Total	5.01	753.59		
CPP				
APML(Mus)	30.98	812.12	0	0
JSWEL(Mus)	18.61	515.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.61	217.37	0	0
Other(Mus)	8.73	220.09	0	0
Total	66.93	1765.06		
SOLAR				
Total	5.61	163.87	0	0
Total	5.61	163.87		
Tata				
Trombay 5	9.44	235.73	467	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	69.98	117	116
Trombay 7B	1.58	42.64	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.56	110.64	380	2
Total	15.39	458.97		
AEML				
DTPS U-1&2	5.64	149.48	253	189
Total	5.64	149.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.44	3359.63	MSPGCL Total	140.93	3659.86
			MSPGCL Thml+Gas	131.17	3444.62	Koyna 1,2 & 4 Total	7.74	130.94
			MSPGCL Hydro	9.77	215.23	State Total	239.52	6950.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	5422	430	115	5967	148	2773	0	0	5321	5157	-1057	12988	0	12988	1804	14792	49.98
2	5376	100	116	5592	111	2788	0	0	5366	5125	-957	12659	0	12659	1695	14354	50.01
3	5181	40	115	5336	93	2721	0	0	5468	5378	-923	12605	0	12605	1604	14209	50.01
4	5142	35	115	5292	78	2660	0	0	5281	5338	-860	12508	0	12508	1546	14054	50.00
5	5183	305	115	5603	79	2761	0	0	5229	5309	-862	12890	0	12890	1550	14440	50.01
6	5295	560	116	5971	96	2756	0	0	5516	5825	-806	13842	0	13842	1592	15434	50.01
7	5374	615	115	6104	35	2736	0	42	6305	6293	-740	14470	0	14470	1619	16089	49.99
8	5423	152	116	5691	39	2765	0	193	7240	6904	-834	14758	0	14758	1730	16488	50.04
9	5424	47	112	5583	54	2796	0	439	7366	7428	-1092	15208	0	15208	1907	17115	50.01
10	5459	489	120	6068	86	2803	0	613	7200	7157	-1319	15408	0	15408	2129	17537	49.95
11	5549	329	100	5978	90	2817	0	669	7311	7147	-1359	15342	0	15342	2252	17594	50.02
12	5627	126	110	5863	161	2815	0	647	7319	7060	-1392	15154	0	15154	2306	17460	50.05
13	5596	75	120	5791	214	2809	0	766	7010	6818	-1386	15012	0	15012	2259	17272	50.07
14	5324	155	110	5589	215	2747	0	804	7028	6692	-1461	14586	0	14586	2172	16758	50.01
15	5293	505	110	5908	139	2797	0	582	6771	6659	-1437	14648	0	14648	2158	16806	49.93
16	5438	753	110	6301	207	2823	0	430	6447	6381	-1320	14822	0	14822	2163	16985	49.94
17	5365	352	120	5837	378	2819	0	264	6518	6687	-1235	14750	0	14750	2100	16850	50.01
18	5337	285	110	5732	337	2816	0	127	6444	6309	-1224	14097	0	14097	1999	16096	49.96
19	5405	283	110	5798	417	2819	0	38	6201	6085	-1073	14084	0	14084	1970	16054	50.01
20	5392	1180	110	6682	479	2826	0	0	5640	5767	-852	14902	0	14902	2129	17031	49.90
21	5260	973	120	6353	460	2822	0	0	5513	5503	-730	14408	0	14408	1992	16400	50.02
22	5226	912	110	6248	439	2870	0	0	5375	5473	-716	14314	0	14314	1950	16264	50.01
23	5195	719	110	6024	350	2808	0	0	5492	5431	-855	13758	0	13758	1933	15691	49.95
24	5156	347	120	5623	307	2779	0	0	5605	5522	-906	13325	0	13325	1867	15192	50.03
MUs	128.44	9.77	2.73	140.93	5.01	66.93	0.00	5.61	148.97	147.45	-25.40	340.54	0.00	340.54	46.43	386.96	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 30/Jul/2020

Position as on 6.30 Hrs of 31/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 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 30/Jul/2020

Position as on 6.30 Hrs of 31/Jul/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 30/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 31/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 I	InterState	18/07/2020	18.58	30/07/2020	10.05	HT	Over Voltage
Koradi Satpur	InterState	30/07/2020	08.34	30/07/2020	11.55	EO	Attending Hot Spot
Parli(MS)-Parli (PG) I	InterState	30/07/2020	12.04	30/07/2020	19.01	PO	CB DCRM and CT Tan Delta and Bay Maintenance Work.
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		Continued.	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- Bableshwar - I	IntraState	29/07/2020	20.41	30/07/2020	10.08	HT	Over Voltage
Padghe - Kalwa- I	IntraState	29/07/2020	22.28	30/07/2020	09.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/07/2020	00.07	30/07/2020	08.21	HT	Over Voltage
Main Bus I @ Chandrapur Sw	IntraState	30/07/2020	08.45	30/07/2020	10.39	PO	On line PID testing of Disc insulator strings of 400KV Main Bus-1
Jejuri- Koynastage-IV	IntraState	30/07/2020	11.01	30/07/2020	15.42	EO	For DT Trials on Overvoltage Protection Testing.
Dhule - Bableshwar - II	IntraState	30/07/2020	17.08		Continued.	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
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
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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	30/07/2020	10.20	30/07/2020	19.02	PO	DPS Testing and A/R Verification Work at Navsari s/s end.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Badnera - Nandgaonpeth	IntraState	29/07/2020	20.08	30/07/2020	22.57	T	Distance Protection
khaparkheda-Khaparkheda(new)-I	IntraState	30/07/2020	10.25	30/07/2020	16.17	PO	Line Isolator Alignment Work.
Malharpeth - Karad(400kv)	IntraState	31/07/2020	05.56	31/07/2020	06.26	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	30/07/2020	13.29	30/07/2020	15.53	EO	Attending Hot Spot

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