

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jul/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.448	3231.190	1) Gujrat	4.020	131.425
2) Hydro	6.443	205.464	2) Madhya Pradesh	10.772	318.467
3) Gas	2.710	82.268	3) Chattisgarh	4.770	156.030
Total MSPGCL	137.601	3518.922	4) Maharashtra	129.447	3390.146
B) 1) APLM	30.583	781.142	5) Goa (Amona)	-1.695	-13.030
2) JSWEL	17.872	496.865	Total	147.314	3983.038
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.002	760.412
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.878	733.463
5) WPCL	8.479	208.766	c) MSEDCL Bilateral *	37.383	1025.442
6) Other IPP	9.084	211.364	Include PX	2.558	210.633
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.002	760.412
C) 1) TPCL Thermal	9.355	226.291	Include PX	19.690	523.873
2) TPCL Hydro	1.563	109.071	Standby	0.000	0.000
3) TPCL Gas	4.390	108.223	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.520	143.833	1) MSEDCL	339.066	9373.470
D) STATE			2) Mumbai Discoms	45.706	1320.881
1) Thermal	209.341	5299.451	TOTAL STATE	384.772	10694.351
(A1+C1+C4+(B1-B6))					
2) Hydro	8.006	314.535			
(A2+C2)					
3) Gas	7.100	190.491			
(A3+B7+C3)					
4) Wind	7.895	748.577			
6) SOLAR	5.116	158.259			
TOTAL STATE	237.458	6711.313			

* 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	5631	5455	5440	4882
MSPGCL Hydro	225	112	1240	40
MSPGCL Gas	113	111	105	115
MSPGCL Total Generation	5969	5678	6785	5037
Central Sector Receipt	7297	7107	5466	5129
WIND	264	169	318	599
CPP / IPP Thermal	2772	2746	2805	2486
CPP / IPP Gas	0	0	0	0
SOLAR	589	617	0	0
Exchange with Mumbai	-1325	-1381	-731	-825
MSEDCL DEMAND MET	15566	14936	14643	12426
Load Shedding	0	0	0	0
MSEDCL DEMAND	15566	14936	14643	12426
TPCL GENERATION	649	643	1048	492
AEML GENERATION	252	252	252	189
MUMBAI DEMAND	2226	2276	2031	1506
STATE DEMAND MET	17792	17212	16674	13932
STATE DEMAND	17792	17212	16674	13932
Frequency (Hz)	50.02	49.97	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08.01 Hrs	49.83 Hz at 18.42 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 29/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	11.97	164.04	542	459
Unit 9	11.48	303.30	545	448
Unit 10	0.00	263.90	0	0
Total	23.45	731.24		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.38	127.97	470	360
Unit 5	9.56	57.36	430	360
Total	19.94	185.33		
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	3.95	76.65	180	140
Unit 4	3.65	105.79	159	140
Unit 5	8.88	255.58	394	355
Unit 6	9.28	239.81	400	360
Unit 7	8.16	254.81	350	323
Unit 8	8.76	276.13	450	240
Unit 9	10.25	250.99	480	360
Total	52.92	1459.77		
Paras				
Unit 3	4.88	133.56	244	180
Unit 4	4.82	134.21	220	175
Total	9.69	267.78		
Khaparkheda				
Unit 1	3.61	103.08	165	130
Unit 2	0.00	0.00	0	0
Unit 3	4.25	104.84	185	160
Unit 4	4.34	119.07	190	162
Unit 5	10.24	260.09	460	393
Total	22.44	587.08		
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	2.71	82.27	116	105
Total	2.71	82.27		
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)	0.48	11.03	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.48	11.03		
Koyna				
Stage 1-2	2.95	77.92	385	30
Stage 4	2.00	45.27	749	0
Stage 3	1.29	41.24	160	0
Total	6.24	164.43		
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.	0.20	9.46	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	0.20	41.03		
Wind				
Total	7.90	748.58	0	0
Total	7.90	748.58		
CPP				
APML(Mus)	30.58	781.14	0	0
JSWEL(Mus)	17.87	496.86	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.48	208.77	0	0
Other(Mus)	9.08	211.36	0	0
Total	66.02	1698.14		
SOLAR				
Total	5.12	158.26	0	0
Total	5.12	158.26		
Tata				
Trombay 5	9.36	226.29	475	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	67.17	118	116
Trombay 7B	1.58	41.06	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.56	109.07	390	2
Total	15.31	443.58		
AEML				
DTPS U-1&2	5.52	143.83	253	189
Total	5.52	143.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.45	3231.19	MSPGCL Total	137.60	3518.92
			MSPGCL Thml+Gas	131.16	3313.46	Koyna 1,2 & 4 Total	4.95	123.20
			MSPGCL Hydro	6.44	205.46	State Total	237.46	6711.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	5018	30	115	5163	659	2679	0	0	5462	5461	-1021	12941	0	12941	1736	14677	50.02
2	4928	35	115	5078	604	2639	0	0	5374	5005	-962	12364	0	12364	1643	14007	50.00
3	4876	40	106	5022	587	2596	0	0	5240	5154	-886	12473	0	12473	1567	14040	50.03
4	4882	40	115	5037	599	2486	0	0	5184	5129	-825	12426	0	12426	1506	13932	50.02
5	4920	30	115	5065	592	2473	0	0	5218	5166	-808	12488	0	12488	1489	13977	49.98
6	5182	61	115	5358	530	2810	0	0	5617	5801	-837	13662	0	13662	1520	15182	49.97
7	5425	120	115	5660	371	2773	0	15	6347	6249	-839	14229	0	14229	1546	15775	50.01
8	5472	150	115	5737	264	2765	0	105	6863	7217	-874	15214	0	15214	1665	16879	50.01
9	5622	185	114	5921	184	2721	0	241	7172	7154	-978	15243	0	15243	1880	17123	49.97
10	5680	275	113	6068	185	2716	0	403	7062	6979	-1182	15169	0	15169	2086	17255	50.04
11	5631	225	113	5969	264	2772	0	589	7155	7297	-1325	15566	0	15566	2226	17792	50.02
12	5506	150	112	5768	221	2774	0	599	7294	7390	-1381	15371	0	15371	2284	17655	50.01
13	5455	112	111	5678	169	2746	0	617	7229	7107	-1381	14936	0	14936	2276	17212	49.97
14	5396	70	111	5577	152	2788	0	655	7100	6750	-1375	14547	0	14547	2170	16717	49.99
15	5258	190	112	5560	156	2759	0	671	6888	6930	-1420	14656	0	14656	2130	16786	49.99
16	5458	45	111	5614	254	2772	0	611	6957	6814	-1314	14751	0	14751	2087	16838	49.97
17	5498	195	112	5805	227	2774	0	396	6579	6808	-1232	14778	0	14778	2032	16810	50.03
18	5457	120	112	5689	192	2770	0	172	6454	6395	-1090	14128	0	14128	2012	16140	49.99
19	5486	494	112	6092	271	2746	0	42	6226	6140	-1066	14225	0	14225	1996	16221	49.95
20	5440	1240	105	6785	318	2805	0	0	5430	5466	-731	14643	0	14643	2031	16674	50.01
21	5478	1183	115	6776	359	2958	0	0	5283	4882	-790	14185	0	14185	2008	16193	50.04
22	5504	684	115	6303	306	2973	0	0	5204	5244	-757	14069	0	14069	1966	16035	49.99
23	5458	449	116	6023	287	2920	0	0	5390	5356	-832	13754	0	13754	1950	15704	50.01
24	5418	320	115	5853	144	2803	0	0	5461	5420	-972	13248	0	13248	1900	15148	49.98
MUs	128.45	6.44	2.71	137.60	7.89	66.02	0.00	5.12	148.19	147.31	-24.88	339.07	0.00	339.07	45.71	384.77	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 29/Jul/2020

Position as on 6.30 Hrs of 30/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 29/Jul/2020

Position as on 6.30 Hrs of 30/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 29/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 30/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	29/07/2020	10.59	29/07/2020	13.22	EO	To attend Hot Spot
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
Parli(MS)-Parli (PG) I	InterState	29/07/2020	11.43	29/07/2020	17.58	PO	Line Maintenance work
Akola Aurangabad(PG) II	InterState	29/07/2020	14.20	29/07/2020	17.09	PO	To Remove L/R for Maint.work
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
Dhule- Bableshwar - I	IntraState	22/07/2020	20.08	29/07/2020	08.39	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/07/2020	17.45	29/07/2020	12.45	HT	Over Voltage
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04		Continued.	T	400 KV Bus Coupler Y Phase CT Blast.
Padghe - Kalwa- I	IntraState	28/07/2020	21.38	29/07/2020	09.08	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/07/2020	21.50	29/07/2020	08.12	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	29/07/2020	10.51	29/07/2020	17.40	PO	Testing Work
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
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	29/07/2020	02.02	29/07/2020	07.05	HT	HT From LV Side for Limiting Voltage.
400/220/33kv 315mva lct3 @Lonikand	IntraState	29/07/2020	14.30	29/07/2020	16.34	EO	To attend Hot Spot
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)
Mudshingi-Belewadi	IntraState	29/07/2020	08.50	29/07/2020	09.45	PO	Quarterly Maintainance Work

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 29/Jul/2020

Statement-VII

Position as on 6.30 Hrs of 30/Jul/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshwar- Bableshwar-II	IntraState	29/07/2020	09.10	29/07/2020	17.48	PO	Replacement of flash over string Disc Insulator string Work.
TOPWORTH VILEBHAGAD	IntraState	29/07/2020	10.19	29/07/2020	16.30	PO	Replacement of damaged cross arm.
Tembhurni - Jeur	IntraState	29/07/2020	10.20	29/07/2020	17.20	PO	Quarterly Maintenance Work
Flagship-Chinchwad	IntraState	29/07/2020	11.49	29/07/2020	14.05	EO	To attend Hot Spot
Pedhambe - Oni	IntraState	29/07/2020	11.50	29/07/2020	13.20	T	Distance Protection
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.
220 KV ICT Outages/Trippings							
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	29/07/2020	12.10	29/07/2020	14.25	PO	Quarterly Maintenance Work
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