

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Aug/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.821	2516.406	1) Gujrat	13.590	218.321
2) Hydro	18.938	263.826	2) Madhya Pradesh	7.117	174.324
3) Gas	6.175	217.701	3) Chattisgarh	1.430	63.770
Total MSPGCL	128.934	2997.933	4) Maharashtra	126.034	3014.682
B) 1) APML	63.311	1705.745	5) Goa (Amona)	-0.352	-14.344
2) JSWEL	20.073	619.623	Total	147.819	3456.753
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.559	668.878
4) RPL(AMT)	25.468	307.295	b) Mumbai Drawl	27.026	824.770
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.039	371.877
6) Other IPP	3.081	75.583	Include PX	8.112	-6.398
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.559	667.185
C) 1) TPCL Thermal	16.378	341.603	Include PX	7.707	175.646
2) TPCL Hydro	6.660	168.274	Standby	0.000	1.694
3) TPCL Gas	3.245	82.345	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.684	289.951	1) MSEDCL	384.447	9681.716
D) STATE			2) Mumbai Discoms	64.993	1706.945
1) Thermal	243.816	5856.206	TOTAL STATE	449.440	11388.661
(A1+C1+C4+(B1-B6))					
2) Hydro	25.598	432.100			
(A2+C2)					
3) Gas	9.420	300.046			
(A3+B7+C3)					
4) Wind	17.644	1214.780			
6) SOLAR	5.143	128.774			
TOTAL STATE	301.621	7931.906			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4342	4359	4648	4052
MSPGCL Hydro	1577	1097	1331	62
MSPGCL Gas	260	268	269	262
MSPGCL Total Generation	6179	5724	6248	4376
Central Sector Receipt	6795	6513	5648	5362
WIND	283	874	849	744
CPP / IPP Thermal	4756	4733	4743	4468
CPP / IPP Gas	0	0	0	0
SOLAR	418	497	0	0
Exchange with Mumbai	-1199	-1377	-1221	-659
MSEDCL DEMAND MET	17232	16964	16267	14291
Load Shedding	0	0	0	0
MSEDCL DEMAND	17232	16964	16267	14291
TPCL GENERATION	1323	1310	1251	803
AEML GENERATION	495	496	495	496
MUMBAI DEMAND	3017	3183	2967	1958
STATE DEMAND MET	20250	20147	19234	16249
STATE DEMAND	20250	20147	19234	16249
Frequency (Hz)	49.99	49.99	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.05 Hrs	49.72 Hz at 06.47 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 29/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.41	22.58	115	80
Unit 7	0.00	10.79	0	0
Unit 8	0.00	94.67	0	0
Unit 9	9.27	58.17	425	316
Unit 10	8.38	157.90	381	285
Total	20.06	344.12		
Bhusawal				
Unit 3	2.00	2.00	185	0
Unit 4	8.95	233.93	440	330
Unit 5	0.00	210.80	0	0
Total	10.96	446.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	12.19	232	173
Unit 7	5.79	35.96	248	202
Unit 8	0.00	0.00	0	0
Total	10.99	48.15		
Chandrapur				
Unit 3	1.02	52.57	119	0
Unit 4	3.34	71.64	160	103
Unit 5	7.72	190.30	345	300
Unit 6	8.42	199.13	365	335
Unit 7	0.00	0.00	0	0
Unit 8	4.82	143.25	240	173
Unit 9	4.52	180.73	221	160
Total	29.85	837.62		
Paras				
Unit 3	5.51	125.80	251	185
Unit 4	0.00	85.18	0	0
Total	5.51	210.98		
Khaparkheda				
Unit 1	3.44	66.30	170	110
Unit 2	0.00	34.18	0	0
Unit 3	3.36	94.27	150	120
Unit 4	2.93	64.12	170	0
Unit 5	7.00	235.75	340	250
Total	16.74	494.61		
Nasik				
Unit 3	2.99	35.20	153	106
Unit 4	3.34	73.98	170	120
Unit 5	3.39	25.00	168	120
Total	9.72	134.18		
Uran				
All Units	6.18	217.70	269	246
Total	6.18	217.70		
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)	0.05	0.48	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.48		
Koyna				
Stage 1-2	4.86	74.07	570	40
Stage 4	9.60	57.68	750	0
Stage 3	3.11	51.81	240	0
Total	17.57	183.56		
Hydro				
KDPH	0.00	14.38	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	16.24	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	11.92	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	10.81	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	17.94	3	3
GHATGHAR	0.00	8.98	0	0
Total	1.37	80.27		
Wind				
Total	17.64	1214.78	0	0
Total	17.64	1214.78		
CPP				
APML(Mus)	63.31	1705.74	0	0
JSWEL(Mus)	20.07	619.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.47	307.30	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.08	75.58	0	0
Total	111.93	2708.25		
SOLAR				
Total	5.14	128.77	0	0
Total	5.14	128.77		
Tata				
Trombay 5	11.14	203.24	483	324
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.92	49.28	106	61
Trombay 7B	1.32	33.06	63	48
Trombay 8	5.24	138.36	221	199
TATA Hydro	6.66	168.27	459	39
Total	26.28	592.22		
AEML				
DTPS U-1&2	11.68	289.95	499	374
Total	11.68	289.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.82	2516.41	MSPGCL Total	128.93	2997.93
			MSPGCL Thml+Gas	110.00	2734.11	Koyna 1,2 & 4 Total	14.46	131.74
			MSPGCL Hydro	18.94	263.83	State Total	301.62	7931.91

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Aug/2019

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	4061	402	252	4715	1085	4435	0	0	5313	5308	-981	14562	0	14562	2353	16915	49.92
2	3944	340	262	4546	915	4445	0	0	5252	5288	-822	14372	0	14372	2165	16537	50.03
3	4042	217	260	4519	911	4453	0	0	5199	5214	-687	14410	0	14410	2038	16448	49.97
4	4052	62	262	4376	744	4468	0	0	5279	5362	-659	14291	0	14291	1958	16249	49.96
5	4109	231	253	4593	633	4570	0	0	5257	5484	-645	14634	0	14634	1943	16578	50.00
6	4168	925	261	5354	495	4609	0	0	5658	5958	-692	15724	0	15724	2032	17756	49.99
7	4185	1495	252	5932	293	4710	0	15	6428	6573	-760	16763	0	16763	2176	18939	49.89
8	4247	1582	262	6091	178	4739	0	125	6512	6863	-851	17145	0	17145	2364	19509	50.02
9	4339	1162	260	5761	264	4744	0	273	6921	7193	-996	17238	0	17238	2682	19920	50.05
10	4342	1577	260	6179	283	4756	0	418	6679	6795	-1199	17232	0	17232	3017	20250	49.99
11	4275	1267	249	5791	253	4728	0	592	6921	6940	-1438	16866	0	16866	3223	20089	50.01
12	4277	1183	258	5718	288	4725	0	613	7220	7082	-1545	16881	0	16881	3284	20165	49.97
13	4252	1055	259	5566	403	4717	0	726	6991	6959	-1489	16882	0	16882	3228	20110	50.04
14	4311	977	256	5544	441	4734	0	765	6588	6579	-1407	16656	0	16656	3113	19770	50.01
15	4364	1301	246	5911	568	4735	0	646	6466	6412	-1405	16867	0	16867	3173	20040	49.96
16	4359	1097	268	5724	874	4733	0	497	6674	6513	-1377	16964	0	16964	3183	20147	49.99
17	4465	661	247	5373	953	4743	0	329	6739	6568	-1347	16619	0	16619	3160	19779	49.97
18	4581	150	259	4990	1081	4740	0	132	6362	6458	-1377	16024	0	16024	3094	19118	50.04
19	4610	565	249	5424	1032	4737	0	12	5897	6285	-1368	16122	0	16122	2990	19112	50.04
20	4648	1331	269	6248	849	4743	0	0	5687	5648	-1221	16267	0	16267	2967	19234	49.99
21	4664	809	251	5724	1181	4735	0	0	5554	5436	-1079	15997	0	15997	2850	18847	50.00
22	4601	332	259	5192	1450	4732	0	0	5479	5466	-1050	15790	0	15790	2748	18538	50.02
23	4506	114	261	4881	1371	4633	0	0	5523	5643	-1228	15300	0	15300	2670	17970	49.98
24	4419	103	260	4782	1099	4570	0	0	5485	5792	-1403	14840	0	14840	2582	17422	50.00
MUs	103.82	18.94	6.18	128.93	17.64	111.93	0.00	5.14	146.08	147.82	-27.03	384.45	0.00	384.45	64.99	449.44	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 29/Aug/2019

Position as on 6.30 Hrs of 30/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem (Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule (Converted to AOH from 13.08.2019 at 00.00 Hrs)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure (Converted to AOH from 16-8-2019)	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Bhusawal Unit 3	210	28/06/2019	18.35	29/08/2019	09.42	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-1	125	13/08/2019	21.30		Continued.	Water Leakage	
IPP	JSW (J) U4	300	21/08/2019	07.20		Continued.	CONDENSER CLEANING WORK.	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	23/08/2019	08.20	29/08/2019	02.29	Differential Expansion High	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Khaparkheda Unit 4	210	29/08/2019	00.26	29/08/2019	04.23	Furnace Pressure High	
MSPGCL	Chandrapur Unit 3	210	29/08/2019	07.24	29/08/2019	13.00	Heavy Leakage on HRH line.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 30/Aug/2019

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 - Akola II- ckt-II	IntraState	29/08/2019	09.20	29/08/2019	19.48	PO	Line Maintenance work
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 Khandwa I	InterState	26/08/2019	09.04		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	29/08/2019	10.21	29/08/2019	11.05	HT	For Bus Shifting
Chandrapur Bhadravati II	InterState	29/08/2019	11.40	29/08/2019	12.11	HT	For Bus Shifting
Dhule Sar'Sarovar II	InterState	29/08/2019	13.28	29/08/2019	19.41	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	27/08/2019	14.49	29/08/2019	08.09	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	29/08/2019	08.30		Continued.	PO	Disc replacement work While charging at 22.00 hours Tripped on D.P.
Parly(MS)- Nanded ckt I	IntraState	29/08/2019	12.40	29/08/2019	18.33	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	29/08/2019	17.36		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.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220KV 315MVA ICT- I@bhusawal(khadka)	IntraState	29/08/2019	12.35	29/08/2019	15.35	PO	DCLeakage problem
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Vasai Kamba	IntraState	27/08/2019	10.55		Continued.	PO	SHIFTED ON TBC MAIN BKR OVERHAULING.
Theur-Jejuri	IntraState	29/08/2019	09.03	29/08/2019	11.46	PO	Testing Work
Nagothane-Wadkhal II	IntraState	29/08/2019	09.47	29/08/2019	19.59	PO	Line Maintenance work
Bapgaon - Kalwa	IntraState	29/08/2019	10.38	29/08/2019	13.33	T	Distance Protection
Pophali - New Koyna	IntraState	29/08/2019	12.05	29/08/2019	21.31	PO	Line Maintenance work
Oni Kharepatan Line	IntraState	29/08/2019	12.12	29/08/2019	19.33	PO	Line Maintenance work
Miraj - Mhaishal	IntraState	30/08/2019	04.30		Continued.	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	30/08/2019	06.00	30/08/2019	06.20	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT @ Bhandara	IntraState	26/08/2019	10.05		Continued.	PO	CB O/H Work.
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	29/08/2019	11.01	29/08/2019	12.37	PO	Inspection work
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	30/08/2019	00.44	30/08/2019	06.37	T	132kv main bus 1&2 Tripped

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