

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Aug/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.529	2625.935	1) Gujrat	13.414	231.735
2) Hydro	5.020	268.846	2) Madhya Pradesh	6.468	180.792
3) Gas	6.187	223.888	3) Chattisgarh	1.400	65.170
Total MSPGCL	120.736	3118.669	4) Maharashtra	125.211	3139.893
B) 1) APLM	60.938	1766.683	5) Goa (Amona)	-0.308	-14.652
2) JSWEL	16.148	635.771	Total	146.185	3602.938
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.478	694.356
4) RPL(AMT)	20.702	327.997	b) Mumbai Drawl	33.425	858.195
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.792	398.669
6) Other IPP	3.142	78.725	Include PX	16.625	10.228
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.478	692.663
C) 1) TPCL Thermal	12.802	354.405	Include PX	11.422	187.068
2) TPCL Hydro	5.353	173.627	Standby	0.000	1.694
3) TPCL Gas	3.140	85.485	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.288	299.239	1) MSEDCL	367.306	10049.022
D) STATE			2) Mumbai Discoms	64.008	1770.953
1) Thermal	232.549	6088.755	TOTAL STATE	431.314	11819.975
(A1+C1+C4+(B1-B6))					
2) Hydro	10.373	442.473			
(A2+C2)					
3) Gas	9.327	309.373			
(A3+B7+C3)					
4) Wind	27.981	1242.761			
6) SOLAR	4.899	133.673			
TOTAL STATE	285.129	8217.035			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4695	4778	4619	4414
MSPGCL Hydro	169	198	256	70
MSPGCL Gas	259	251	251	262
MSPGCL Total Generation	5123	5227	5126	4746
Central Sector Receipt	7666	7031	5143	5476
WIND	944	900	1791	824
CPP / IPP Thermal	4221	4361	4311	4210
CPP / IPP Gas	0	0	0	0
SOLAR	592	549	0	0
Exchange with Mumbai	-1860	-1843	-1468	-977
MSEDCL DEMAND MET	16686	16225	14903	14280
Load Shedding	0	0	0	0
MSEDCL DEMAND	16686	16225	14903	14280
TPCL GENERATION	993	975	1067	634
AEML GENERATION	375	375	373	372
MUMBAI DEMAND	3228	3193	2908	1983
STATE DEMAND MET	19914	19418	17811	16262
STATE DEMAND	19914	19418	17811	16262
Frequency (Hz)	50.00	50.03	50.02	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 16:02 Hrs	49.78 Hz at 09:40 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/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.18	24.76	110	70
Unit 7	0.00	10.79	0	0
Unit 8	0.00	94.67	0	0
Unit 9	7.84	66.01	360	270
Unit 10	7.65	165.56	402	260
Total	17.66	361.78		
Bhusawal				
Unit 3	3.96	5.96	190	160
Unit 4	9.35	243.28	460	360
Unit 5	0.00	210.80	0	0
Total	13.31	460.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.85	17.04	238	155
Unit 7	4.96	40.92	234	187
Unit 8	0.00	0.00	0	0
Total	9.81	57.96		
Chandrapur				
Unit 3	3.64	56.21	180	127
Unit 4	3.69	75.32	162	126
Unit 5	8.24	198.54	360	325
Unit 6	8.68	207.81	380	320
Unit 7	0.00	0.00	0	0
Unit 8	7.67	150.92	420	200
Unit 9	1.90	182.64	200	0
Total	33.82	871.44		
Paras				
Unit 3	5.04	130.84	250	183
Unit 4	0.00	85.18	0	0
Total	5.04	216.02		
Khaparkheda				
Unit 1	3.38	69.68	155	100
Unit 2	0.00	34.18	0	0
Unit 3	3.52	97.79	153	133
Unit 4	3.80	67.92	175	150
Unit 5	8.89	244.64	405	325
Total	19.59	514.20		
Nasik				
Unit 3	3.10	38.30	148	107
Unit 4	3.52	77.50	160	130
Unit 5	3.68	28.68	165	140
Total	10.30	144.48		
Uran				
All Units	6.19	223.89	271	249
Total	6.19	223.89		
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)	0.03	0.52	31	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.52		
Koyna				
Stage 1-2	1.62	75.69	180	40
Stage 4	0.44	58.12	340	0
Stage 3	1.55	53.36	160	0
Total	3.61	187.17		
Hydro				
KDPH	0.39	14.76	36	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	16.24	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	12.33	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	11.16	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	18.21	12	11
GHATGHAR	0.00	8.98	0	0
Total	1.41	81.68		
Wind				
Total	27.98	1242.76	0	0
Total	27.98	1242.76		
CPP				
APML(Mus)	60.94	1766.68	0	0
JSWEL(Mus)	16.15	635.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.70	328.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.14	78.72	0	0
Total	100.93	2809.18		
SOLAR				
Total	4.90	133.67	0	0
Total	4.90	133.67		
Tata				
Trombay 5	7.96	211.20	467	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	51.12	105	61
Trombay 7B	1.30	34.36	62	49
Trombay 8	4.84	143.20	221	197
TATA Hydro	5.35	173.63	383	0
Total	21.30	613.52		
AEML				
DTPS U-1&2	9.29	299.24	495	372
Total	9.29	299.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.53	2625.94	MSPGCL Total	120.74	3118.67
			MSPGCL Thml+Gas	115.72	2849.82	Koyna 1,2 & 4 Total	2.06	133.81
			MSPGCL Hydro	5.02	268.85	State Total	285.13	8217.04

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	4433	105	251	4789	887	4522	0	0	5499	5636	-1312	14522	0	14522	2392	16914	49.97
2	4425	65	262	4752	925	4500	0	0	5527	5347	-1170	14354	0	14354	2204	16558	50.03
3	4446	65	251	4762	877	4396	0	0	5544	5239	-1049	14225	0	14225	2070	16295	50.03
4	4414	70	262	4746	824	4210	0	0	5499	5476	-977	14280	0	14280	1983	16262	50.04
5	4544	80	261	4885	671	4365	0	0	5516	5756	-966	14711	0	14711	1963	16674	50.01
6	4624	66	261	4951	515	4534	0	0	6293	6537	-889	15648	0	15648	2075	17723	50.01
7	4736	503	251	5490	567	4551	0	28	7036	6876	-820	16692	0	16692	2201	18893	49.92
8	4682	370	262	5314	981	4477	0	218	7327	7006	-924	17072	0	17072	2385	19457	50.02
9	4599	277	250	5126	1022	4060	0	368	7295	7078	-1243	16411	0	16411	2680	19091	50.00
10	4638	424	271	5333	925	4050	0	529	7232	7290	-1548	16580	0	16580	2957	19536	49.94
11	4677	304	250	5231	904	4387	0	631	7572	7303	-1784	16672	0	16672	3162	19834	50.01
12	4695	169	259	5123	944	4221	0	592	7639	7666	-1860	16686	0	16686	3228	19914	50.00
13	4778	198	251	5227	900	4361	0	549	7255	7031	-1843	16225	0	16225	3193	19418	50.03
14	4838	168	270	5276	1280	4336	0	536	7051	6610	-1821	16216	0	16216	3056	19272	50.00
15	4589	113	249	4951	1449	4072	0	515	6872	6597	-1763	15820	0	15820	3080	18900	50.02
16	4528	113	260	4901	1601	3772	0	472	6667	6267	-1712	15300	0	15300	3072	18372	49.99
17	4536	88	259	4883	1919	3765	0	326	6220	6061	-1686	15268	0	15268	3041	18309	50.03
18	4510	149	260	4919	1832	3785	0	121	5365	5331	-1649	14339	0	14339	2973	17312	50.02
19	4485	275	261	5021	1682	3960	0	14	5257	5340	-1540	14477	0	14477	2915	17392	49.99
20	4619	256	251	5126	1791	4311	0	0	5592	5143	-1468	14903	0	14903	2908	17811	50.02
21	4455	226	261	4942	1746	4155	0	0	4942	5186	-1381	14648	0	14648	2779	17427	49.95
22	4403	373	262	5038	1510	4055	0	0	5037	5017	-1301	14319	0	14319	2652	16971	49.93
23	4457	311	260	5028	1147	4065	0	0	5074	5254	-1356	14138	0	14138	2549	16687	49.99
24	4418	252	252	4922	1082	4020	0	0	5246	5138	-1363	13800	0	13800	2490	16290	50.02
MUs	109.53	5.02	6.19	120.74	27.98	100.93	0.00	4.90	148.56	146.19	-33.42	367.31	0.00	367.31	64.01	431.31	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/Aug/2019

Position as on 6.30 Hrs of 31/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	Khaparkhedda 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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
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	30/08/2019	17.45	CONDENSER CLEANING WORK.	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Chandrapur Unit 9	500	30/08/2019	09.44		Continued.	Due to Tripping of Air Heater Motor.	
MSPGCL	Paras Unit 3	250	31/08/2019	01.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 31/Aug/2019

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 Khandwa I	InterState	26/08/2019	09.04		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	29/08/2019	08.30	30/08/2019	16.38	PO	Disc replacement work While charging at 22.00 hours Tripped on D.P.
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.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	31/08/2019	04.48		Continued.	T	Buccholz Alarm.
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.
Miraj - Mhaishal	IntraState	30/08/2019	04.30	30/08/2019	06.37	T	Distance Protection, Z-1, R-Ph, 25.6KM. 4KA - Miraj Indl.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	30/08/2019	06.00	30/08/2019	06.20	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	30/08/2019	07.02	30/08/2019	07.46	HT	Load Management.
Vsnl-512 Khadki	IntraState	30/08/2019	10.35	30/08/2019	14.54	PO	B-Phase CT Replacement Work.
Padghe - Jambhul 1	IntraState	30/08/2019	10.54	30/08/2019	23.11	PO	Commissing Work of Bus Scetniliser.
Pedambe-Pophali	IntraState	30/08/2019	13.20	30/08/2019	15.00	EO	Red Hot Work.
Nanded-Parbhani	IntraState	30/08/2019	15.40	30/08/2019	17.26	PO	Replacement of Unarmoured To Armoured Cable.
Taloja II - OCIL-I	IntraState	30/08/2019	17.30	30/08/2019	17.51	T	Distance Protection
Kandalgaon - Pirangut	IntraState	31/08/2019	05.26		Continued.	T	Distance Protection, Z1, Y-Ph, 2.9KA. 33KM.
220 KV ICT Outages/Trippings							
220/132 kv 100MVA ICT @ Bhandara	IntraState	26/08/2019	10.05	30/08/2019	12.54	PO	CB O/H Work.
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	30/08/2019	10.00	30/08/2019	18.53	EO	Hot Spot Attending Work, LA Burst.
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	30/08/2019	10.10	30/08/2019	12.50	PO	Routine Maintenance Work
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	30/08/2019	11.01	30/08/2019	17.57	PO	Diagnostic Work.
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	30/08/2019	14.59	30/08/2019	16.01	PO	Replacement of Mercury Bulb of WTI
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