

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Aug/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.584	1260.791	1) Gujrat	12.190	69.246
2) Hydro	6.800	128.307	2) Madhya Pradesh	7.485	112.971
3) Gas	7.963	138.033	3) Chattisgarh	1.840	41.800
Total MSPGCL	101.347	1527.131	4) Maharashtra	95.957	1437.974
B) 1) APML	48.230	873.805	5) Goa (Amona)	-0.374	-8.690
2) JSWEL	21.737	357.316	Total	117.098	1653.301
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.535	353.139
4) RPL(AMT)	14.159	49.379	b) Mumbai Drawl	35.052	447.699
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.542	186.103
6) Other IPP	2.061	37.897	Include PX	-4.098	-51.440
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.535	351.445
C) 1) TPCL Thermal	6.328	161.254	Include PX	13.697	74.449
2) TPCL Hydro	10.189	99.437	Standby	0.000	1.694
3) TPCL Gas	0.000	51.125	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.109	155.302	1) MSEDCL	317.447	4951.722
D) STATE			2) Mumbai Discoms	60.678	914.816
1) Thermal	188.208	2895.744	TOTAL STATE	378.125	5866.538
(A1+C1+C4+(B1-B6))					
2) Hydro	16.989	227.744			
(A2+C2)					
3) Gas	7.963	189.158			
(A3+B7+C3)					
4) Wind	42.873	842.880			
6) SOLAR	4.994	57.712			
TOTAL STATE	261.027	4213.238			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3585	3596	3797	3469
MSPGCL Hydro	292	412	668	172
MSPGCL Gas	333	324	343	320
MSPGCL Total Generation	4210	4332	4808	3961
Central Sector Receipt	5707	5296	5287	3251
WIND	2233	2153	1762	1367
CPP / IPP Thermal	3493	3352	4142	3376
CPP / IPP Gas	0	0	0	0
SOLAR	566	588	0	0
Exchange with Mumbai	-1863	-2058	-1484	-849
MSEDCL DEMAND MET	14346	13663	14515	11106
Load Shedding	0	0	0	0
MSEDCL DEMAND	14346	13663	14515	11106
TPCL GENERATION	663	652	845	615
AEML GENERATION	373	375	467	372
MUMBAI DEMAND	2899	3085	2796	1836
STATE DEMAND MET	17245	16748	17311	12942
STATE DEMAND	17245	16748	17311	12942
Frequency (Hz)	50.02	50.06	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 13:04 Hrs	49.75 Hz at 16:49 Hrs	50.02	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 16/Aug/2019

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	6.79	43.38	330	225
Unit 9	0.00	0.00	0	0
Unit 10	5.76	74.33	280	162
Total	12.55	117.71		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.52	141.50	370	330
Unit 5	8.50	140.46	360	345
Total	17.02	281.96		
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	2.75	32.29	140	90
Unit 4	2.65	35.49	120	84
Unit 5	7.20	92.87	320	275
Unit 6	7.53	102.51	355	280
Unit 7	0.00	0.00	0	0
Unit 8	0.00	80.74	0	0
Unit 9	8.70	100.29	413	328
Total	28.82	444.19		
Paras				
Unit 3	4.63	63.25	223	150
Unit 4	4.19	55.75	202	135
Total	8.82	119.00		
Khaparkheda				
Unit 1	2.03	33.23	125	55
Unit 2	0.00	34.18	0	0
Unit 3	2.95	50.05	152	100
Unit 4	3.24	15.75	155	120
Unit 5	7.38	128.23	340	290
Total	15.60	261.44		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	3.77	26.19	168	140
Unit 5	0.00	2.11	0	0
Total	3.77	36.48		
Uran				
All Units	7.96	138.03	344	267
Total	7.96	138.03		
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)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.90	32.25	420	40
Stage 4	0.00	12.51	0	0
Stage 3	1.07	30.67	160	0
Total	2.97	75.42		
Hydro				
KDPH	0.86	12.28	36	35
VTRNA	0.00	0.00	0	0
TILLARI	0.96	13.31	40	40
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	6.88	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	6.33	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	8.67	38	37
GHATGHAR	0.31	5.41	125	0
Total	3.83	52.89		
Wind				
Total	42.87	842.88	0	0
Total	42.87	842.88		
CPP				
APML(Mus)	48.23	873.80	0	0
JSWEL(Mus)	21.74	357.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	14.16	49.38	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.06	37.90	0	0
Total	86.19	1318.40		
SOLAR				
Total	4.99	57.71	0	0
Total	4.99	57.71		
Tata				
Trombay 5	1.52	86.17	272	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	30.99	0	0
Trombay 7B	0.00	20.13	0	0
Trombay 8	4.80	75.08	214	197
TATA Hydro	10.19	99.44	462	206
Total	16.52	311.82		
AEML				
DTPS U-1&2	9.11	155.30	467	372
Total	9.11	155.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.58	1260.79	MSPGCL Total	101.35	1527.13
			MSPGCL Thml+Gas	94.55	1398.82	Koyna 1,2 & 4 Total	1.90	44.76
			MSPGCL Hydro	6.80	128.31	State Total	261.03	4213.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Aug/2019

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	3515	167	341	4023	1440	3375	0	0	3696	3767	-1056	11549	0	11549	2089	13638	50.02
2	3497	172	330	3999	1368	3362	0	0	3306	3283	-935	11077	0	11077	1941	13018	50.03
3	3469	172	320	3961	1367	3376	0	0	3020	3251	-849	11106	0	11106	1836	12942	50.04
4	3481	233	341	4055	1480	3378	0	0	3250	3352	-796	11469	0	11469	1768	13237	50.04
5	3473	169	330	3972	1577	3368	0	0	3390	3688	-848	11757	0	11757	1768	13525	50.00
6	3483	363	319	4165	1545	3485	0	0	4103	4453	-916	12732	0	12732	1881	14613	49.95
7	3523	343	342	4208	1545	3889	0	41	5094	5032	-1040	13675	0	13675	2028	15703	49.98
8	3552	292	333	4177	1598	3815	0	177	5438	5643	-1189	14221	0	14221	2223	16444	50.03
9	3525	274	334	4133	1922	3527	0	398	5724	5922	-1520	14382	0	14382	2554	16936	50.03
10	3585	292	333	4210	2233	3493	0	566	5950	5707	-1863	14346	0	14346	2899	17245	50.02
11	3607	367	343	4317	2038	3400	0	595	5475	5748	-2072	14026	0	14026	3108	17134	50.02
12	3596	418	343	4357	2190	3342	0	581	5823	5598	-2126	13942	0	13942	3162	17104	50.08
13	3596	412	324	4332	2153	3352	0	588	5340	5296	-2058	13663	0	13663	3085	16748	50.06
14	3609	318	344	4271	2204	3317	0	604	4898	4894	-1925	13365	0	13365	2955	16320	50.05
15	3625	315	332	4272	2297	3336	0	549	5009	5121	-1948	13627	0	13627	2984	16611	49.95
16	3601	212	333	4146	2139	3355	0	410	5374	5032	-1957	13125	0	13125	2994	16119	50.05
17	3563	267	344	4174	2191	3367	0	312	4873	5075	-1916	13203	0	13203	2956	16159	49.94
18	3530	197	333	4060	2177	3434	0	155	5285	4921	-1768	12979	0	12979	2908	15887	50.05
19	3704	244	333	4281	1906	3554	0	18	5036	5469	-1644	13584	0	13584	2812	16396	49.99
20	3797	668	343	4808	1762	4142	0	0	5322	5287	-1484	14515	0	14515	2796	17311	49.96
21	3873	303	333	4509	1561	4182	0	0	5320	5421	-1343	14330	0	14330	2685	17015	50.07
22	3862	248	334	4444	1407	4144	0	0	4977	5200	-1257	13938	0	13938	2524	16462	50.02
23	3787	186	334	4307	1349	4113	0	0	4879	5055	-1256	13568	0	13568	2411	15979	49.99
24	3731	168	267	4166	1424	4081	0	0	4860	4883	-1286	13268	0	13268	2311	15579	50.03
MUs	86.58	6.80	7.96	101.35	42.87	86.19	0.00	4.99	115.44	117.10	-35.05	317.45	0.00	317.45	60.68	378.13	50.02

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 16/Aug/2019

Position as on 6.30 Hrs of 17/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	Koyana 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)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
IPP	Adani U-2	660	05/08/2019	00.13		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
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	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet,Sticky & Poor Quality coal	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Due to PA fan tripping on DC voltage failure.	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
TPC-G	Trombay 5	500	12/08/2019	09.11	16/08/2019	16.55	ECONOMIZER DRAIN WALL LEAKAGE.	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	14/08/2019	22.06		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Aug/2019

Position as on 6.30 Hrs of 17/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7B	60	15/08/2019	18.55		Continued.	Gas pressure Low	
TPC-G	Trombay 7A	120	15/08/2019	22.57		Continued.	Gas pressure Low	
MSPGCL	Uran Unit B0	120	16/08/2019	23.17		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	16/08/2019	23.17		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 17/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	10/08/2019	01.22		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	31/07/2019	21.46		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/08/2019	19.24	16/08/2019	09:26	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/08/2019	22.11	16/08/2019	10:58	HT	Over Voltage
karad - kolhapur-I	IntraState	16/08/2019	03.20	16/08/2019	12:34	T	Distance Protection
Bhusawal-Aurangabad	IntraState	16/08/2019	17.42		Continued.	HT	Over Voltage
Khadka - Bableshwar	IntraState	16/08/2019	22.47	16/08/2019	23.14	T	Distance Protection
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 600 MVA ICT 4 @Padghe	IntraState	12/08/2019	04.52		Continued.	T	LV Side Y-Ph LA Burst.
400/220 KV 500 MVA ICT- III @Aurangabad (Waluj)	IntraState	16/08/2019	10:42	16/08/2019	17:34	PO	Routine Maintenance Work
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	Distance Protection
Padgha-Temghar-II	IntraState	12/08/2019	11.12		Continued.	HT	To Divert The Load of Padgha ICT.
Padgha - Temghar I	IntraState	14/08/2019	18.03		Continued.	HT	Control Padgha ICT Loading.
MALEGAON - KALWAN CKT-2	IntraState	15/08/2019	20.47		Continued.	HT	Over Voltage
Nanded-Parbhani	IntraState	16/08/2019	07.12	16/08/2019	07.26	T	Distance Protection
Pophali - New Koyna	IntraState	16/08/2019	08:22	16/08/2019	16:13	PO	Conductor replacement work at Pophali end.
Shivajinagar - Malegaon	IntraState	16/08/2019	10:11	16/08/2019	16:05	HT	Line Hand Tripped due to Broken Conductor Indication.
MAHAPE - RELIANCE GIS	IntraState	16/08/2019	10:42	16/08/2019	16:40	PO	Removing of defective IED & Testing work.
Shivajinagar-Gangapur	IntraState	16/08/2019	11.45	16/08/2019	17.58	HT	Due To Over Loading of Shivajinagar - 132KV Dhule CKT
Satana-Gangapur	IntraState	16/08/2019	11:30	16/08/2019	16:55	T	R Phase C T Jumper open.
Chandrapur GCR - Cpurlytss1	IntraState	16/08/2019	12.37	16/08/2019	17.19	PO	To Monitor Rising Trend of Higher Tan Delta Value of Y-Ph Metering CT.
Vasai Kamba	IntraState	16/08/2019	15:05	16/08/2019	16:13	PO	Attend Hot Spot ckt Breaker lower palm.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	16/08/2019	09.27	16/08/2019	19.05	EO	Attending Hot Spot

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