

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Aug/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.540	3263.616	1) Gujrat	-0.359	66.762
2) Hydro	5.839	184.397	2) Madhya Pradesh	15.938	374.130
3) Gas	7.139	217.519	3) Chattisgarh	6.120	136.160
Total MSPGCL	146.518	3665.532	4) Maharashtra Net	92.138	2290.866
B) 1) APML	42.814	1107.914	5) Goa (Amona)	-0.374	-9.306
2) JSWEL	13.873	344.507	Total	113.463	2858.612
3) VIPL	7.299	156.043	a) Mumbai Schedule	21.781	515.141
4) RPL(AMT)	5.465	211.908	b) Mumbai Drawl	30.053	635.098
5) WPCL	4.487	72.618	c) MSEDCL Bilateral *	12.078	447.698
6) PGPL	0.000	0.000	Include PX	-2.327	59.103
7) Other IPP	4.251	87.507	d) Mumbai Bilateral *	21.781	515.141
C) 1) TPCL Thermal	14.111	349.912	Include PX	6.744	156.516
2) TPCL Hydro	5.282	110.444	Include Standby	0.000	0.000
3) TPCL Gas	2.467	86.772	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.557	243.696	1) MSEDCL	335.676	8545.427
D) STATE			2) Mumbai Discoms	61.470	1425.917
1) Thermal	235.397	5837.721	TOTAL STATE	397.146	9971.344
(A1+C1+C4+(B1-B6))					
2) Hydro	11.121	294.841			
(A2+C2)					
3) Gas	9.606	304.291			
(A3+B6+C3)					
4) Wind	26.050	634.301			
6) SOLAR	1.509	41.583			
TOTAL STATE	283.683	7112.737			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5840	5837	5931	4984
MSPGCL Hydro	268	287	420	195
MSPGCL Gas	345	254	258	358
MSPGCL Total Generation	6453	6378	6609	5537
Central Sector Receipt	5273	5311	4718	3929
WIND	1289	768	1106	925
CPP / IPP Thermal	3310	3276	3509	3189
CPP / IPP Gas	0	0	0	0
SOLAR	107	159	0	0
Exchange with Mumbai	-1269	-1598	-1159	-824
MSEDCL DEMAND MET	15163	14294	14784	12756
Load Shedding	0	0	0	0
MSEDCL DEMAND	15163	14294	14784	12756
TPCL GENERATION	860	1107	1217	620
R-INFRA GENERATION	428	374	470	376
MUMBAI DEMAND	2557	3079	2846	1820
STATE DEMAND MET	17720	17373	17630	14576
STATE DEMAND	17720	17373	17630	14576
Frequency (Hz)	50.02	50.03	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.81 Hz at 13.43 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 24/Aug/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.43	26.13	160	105
Unit 8	9.68	177.42	470	320
Unit 9	9.57	262.35	452	300
Unit 10	9.58	269.72	455	300
Total	32.26	735.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	2.66	43.88	190	0
Unit 4	10.02	254.66	490	345
Unit 5	9.91	78.17	490	340
Total	22.60	376.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	70.16	250	194
Unit 7	4.86	42.79	252	0
Unit 8	0.00	0.00	0	0
Total	10.32	112.95		
Chandrapur				
Unit 3	4.72	94.89	205	170
Unit 4	0.00	95.69	0	0
Unit 5	9.61	205.20	425	365
Unit 6	9.02	214.15	395	345
Unit 7	9.71	235.32	437	360
Unit 8	10.89	232.99	500	360
Unit 9	0.00	189.50	0	0
Total	43.95	1267.74		
Paras				
Unit 3	5.30	130.57	254	186
Unit 4	5.47	131.36	259	189
Total	10.77	261.93		
Khaparkheda				
Unit 1	2.24	62.66	130	0
Unit 2	3.54	63.99	160	100
Unit 3	3.49	59.58	155	126
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	9.27	402.55		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.37	66.19	202	163
Unit 5	0.00	1.46	0	0
Total	4.37	106.12		
Uran				
All Units	7.14	217.52	382	242
Total	7.14	217.52		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	1.17	25	0
Total	0.02	1.17		
Koyna				
Stage 1-2	1.38	65.50	165	40
Stage 4	0.11	44.25	112	0
Stage 3	1.12	32.46	122	0
Total	2.62	142.21		
Hydro				
KDPH	0.86	4.57	36	36
VTRNA	1.16	10.00	61	0
TILLARI	0.12	1.03	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	9.61	80	0
RNGR+BHTSA	0.47	3.89	20	19
BHANDARDRA	0.00	7.47	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	5.63	8	7
GHATGHAR	0.00	0.00	0	0
Total	3.22	42.19		
Wind				
Total	26.05	634.30	0	0
Total	26.05	634.30		
CPP				
APML(Mus)	42.81	1107.91	0	0
JSWEL(Mus)	13.87	344.51	0	0
VIPL(Mus)	7.30	156.04	0	0
RPLAMT(Mus)	5.46	211.91	0	0
WPCL(Mus)	4.49	72.62	0	0
Other(Mus)	4.25	87.51	0	0
Total	78.19	1980.50		
SOLAR				
Total	1.51	41.58	0	0
Total	1.51	41.58		
Tata				
Trombay 5	9.08	223.78	478	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	52.81	64	52
Trombay 7B	1.11	33.96	52	43
Trombay 8	5.03	126.13	245	199
TATA Hydro	5.28	110.44	436	3
Total	21.86	547.13		
R-INFRA				
DTPS U-1&2	9.56	243.70	501	373
Total	9.56	243.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.54	3263.62	MSPGCL Total	146.52	3665.53
			MSPGCL Thml+Gas	140.68	3481.14	Koyna 1,2 & 4 Total	1.50	109.75
			MSPGCL Hydro	5.84	184.40	State Total	283.68	7112.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Aug/2017

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	5317	287	358	5962	716	3226	0	0	4559	4385	-948	13341	0	13341	2205	15546	50.00
2	5340	245	358	5943	829	3228	0	0	3953	4043	-1000	13043	0	13043	2035	15078	50.02
3	5471	245	368	6084	837	3224	0	0	3780	3718	-893	12970	0	12970	1891	14861	49.99
4	4984	195	358	5537	925	3189	0	0	3727	3929	-824	12756	0	12756	1820	14576	49.99
5	4922	194	359	5475	1142	3113	0	0	4049	4173	-811	13092	0	13092	1805	14897	50.00
6	5244	184	364	5792	1132	3219	0	0	4453	4718	-863	13998	0	13998	1867	15865	50.01
7	5557	194	382	6133	1057	3246	0	5	5109	5169	-832	14778	0	14778	2069	16847	49.98
8	5697	253	366	6316	1125	3284	0	49	5314	5164	-859	15078	0	15078	2193	17271	50.03
9	5840	268	345	6453	1289	3310	0	107	5586	5273	-1269	15163	0	15163	2557	17720	50.02
10	5743	274	286	6303	1249	3310	0	119	5457	5063	-1514	14530	0	14530	2926	17456	50.02
11	5551	245	245	6041	1036	3324	0	142	5292	5525	-1676	14392	0	14392	3055	17447	49.98
12	5559	369	255	6183	812	3278	0	174	5364	5470	-1673	14244	0	14244	3139	17383	49.98
13	5837	287	254	6378	768	3276	0	159	5272	5311	-1598	14294	0	14294	3079	17373	50.03
14	5918	169	263	6350	883	3271	0	173	5183	4924	-1552	14050	0	14050	2983	17033	49.99
15	5477	168	242	5887	1137	3161	0	229	5185	5197	-1591	14020	0	14020	3011	17031	49.97
16	5360	214	254	5828	1452	3037	0	186	5187	5102	-1603	14003	0	14003	3019	17022	50.02
17	5304	252	254	5810	1455	2936	0	102	4741	4955	-1636	13622	0	13622	2993	16615	49.99
18	5306	323	265	5894	1436	2890	0	58	4628	4754	-1606	13425	0	13425	2917	16342	49.98
19	5571	327	257	6155	1228	3073	0	6	4543	4825	-1408	13880	0	13880	2802	16682	49.99
20	5931	420	258	6609	1106	3509	0	0	4684	4718	-1159	14784	0	14784	2846	17630	49.96
21	5949	225	269	6443	1095	3551	0	0	4524	4773	-1040	14822	0	14822	2759	17581	49.97
22	5951	167	261	6379	1128	3577	0	0	4252	4219	-1125	14178	0	14178	2594	16772	49.98
23	5970	162	249	6381	1158	3511	0	0	4140	3894	-1185	13758	0	13758	2526	16284	49.99
24	5741	172	269	6182	1055	3448	0	0	4249	4159	-1388	13456	0	13456	2379	15835	49.99
MUs	133.54	5.84	7.14	146.52	26.05	78.19	0.00	1.51	113.23	113.46	-30.05	335.68	0.00	335.68	61.47	397.15	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 24/Aug/2017

Position as on 6.30 Hrs of 25/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	JSW (J) U4	300	05/08/2017	20.30		Continued.	Turbine shaft Vibration high.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Aug/2017

Position as on 6.30 Hrs of 25/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00		Continued.	ID Fan Problem converted to zero schedule from 19:00Hrs of 11.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.zero schedule from 15.08.2017.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-3	270	20/08/2017	18.11		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-5	270	21/08/2017	03.05	24/08/2017	06.29	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-1	270	21/08/2017	05.22	24/08/2017	13.02	Zero Schedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	21/08/2017	16.04		Continued.	Due to poor coal Receipt.	
MSPGCL	Bhusawal Unit 3	210	21/08/2017	23.44	24/08/2017	06.57	Zero Schedule.	
MSPGCL	Parli Unit 7	250	23/08/2017	22.16	24/08/2017	00.59	Generator Protection operated	
MSPGCL	Uran Unit 6	108	24/08/2017	09.33		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	24/08/2017	10.29	24/08/2017	13.45	Drum level very High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 25/Aug/2017

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 II	InterState	23/08/2017	17.34		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
Chandrapur-II - Nanded ckt II	IntraState	20/08/2017	04.11	24/08/2017	06.07	T	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	20/08/2017	04.11	24/08/2017	05.49	T	Over Voltage
Karad - Jaigad - II	IntraState	20/08/2017	15.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/08/2017	20.14		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/08/2017	20.09		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur SW Ckt I	IntraState	24/08/2017	09.09	24/08/2017	18.30	PO	Routine Maintenance Work
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220kv 315 Mva ICT I @Karad	IntraState	24/08/2017	11.49	24/08/2017	14.23	PO	Y-ph Unit Replaced and Load Taken on ICT
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.
Butibori 3-Butibori 1	InterState	24/08/2017	14.45	24/08/2017	16.39	T	Bus Bar Protection Operated
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar Trombay	IntraState	24/08/2017	07.40	24/08/2017	17.23	T	Distance Protection
Khadka-Chalisgaon-1	IntraState	24/08/2017	09.02	24/08/2017	11.58	PO	Line Signature Test
Boisar Versova Line	IntraState	24/08/2017	09.12	24/08/2017	16.14	PO	Isolator Maint.work
Peth- Mudshingi -I	IntraState	24/08/2017	09.39	24/08/2017	12.46	EO	To attend Hot Spot
Oni Kharepatan Line	IntraState	24/08/2017	10.25	24/08/2017	11.41	EO	To attend Hot Spot
Jejuri (400 Kv)-Phurusungi	IntraState	24/08/2017	12.25	24/08/2017	18.17	EO	To attend Hot Spot
Pedhambe - Oni	IntraState	24/08/2017	13.13	24/08/2017	13.37	T	Distance Protection
220KV BUS II @ Butibori	IntraState	24/08/2017	14.45	24/08/2017	15.30	T	Bus Bar Protection Operated
Butibori - VIPL Ckt I	IntraState	24/08/2017	14.45	24/08/2017	15.30	T	Bus Bar Protection Operated
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132KV 200MVA ICT II @Kurkumb	IntraState	24/08/2017	10.26	24/08/2017	16.40	PO	Bushing replacement work
220/132 Kv 200 Mva Bbl Ict 1 @Kalmeshwar	IntraState	24/08/2017	10.56	24/08/2017	16.10	PO	Measurmnt of Tan Delta and SFRA of ICT
132 KV LINE Outages/Trippings							
Beed - Raimoha	IntraState	22/08/2017	15.29		Continued.	T	Distance Protection
Bambhori(220) Jisl	IntraState	24/08/2017	03.37	24/08/2017	03.47	T	Tripped at JISL end
Raimoha - Pathardi	IntraState	24/08/2017	04.34	24/08/2017	04.55	T	Distance Protection
Gadchiroli - Mul	IntraState	24/08/2017	04.50	24/08/2017	05.05	T	Distance Protection
Bambhori(220) Jisl	IntraState	24/08/2017	08.42	24/08/2017	09.30	T	AC Supply Fail at JISL end

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