

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.790	2507.763	1) Gujrat	1.717	20.456
2) Hydro	8.707	350.747	2) Madhya Pradesh	10.152	326.975
3) Gas	6.354	179.245	3) Chattisgarh	5.860	145.210
Total MSPGCL	119.851	3037.755	4) Maharashtra Net	93.664	2248.226
B) 1) APML	62.106	1114.519	5) Goa (Amona)	-0.132	-2.860
2) JSWEL	26.148	479.561	Total	111.261	2738.007
3) VIPL	7.169	168.533	a) Mumbai Schedule	25.507	523.347
4) RPL(AMT)	12.113	551.507	b) Mumbai Drawl	29.225	650.476
5) WPCL	2.992	55.011	c) MSEDCL Bilateral *	21.229	420.269
6) PGPL	0.000	0.000	Include PX	2.015	35.115
7) Other IPP	2.694	65.512	d) Mumbai Bilateral *	25.507	519.876
C) 1) TPCL Thermal	14.260	379.001	Include PX	2.978	96.040
2) TPCL Hydro	0.688	97.569	Include Standby	0.000	3.470
3) TPCL Gas	2.084	61.377	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.095	245.917	1) MSEDCL	323.422	7899.718
D) STATE			2) Mumbai Discoms	51.352	1434.346
1) Thermal	237.367	5567.324	TOTAL STATE	374.774	9334.064
(A1+C1+C4+(B1-B6))					
2) Hydro	9.395	448.316			
(A2+C2)					
3) Gas	8.438	240.622			
(A3+B6+C3)					
4) Wind	5.870	293.521			
6) SOLAR	2.443	46.268			
TOTAL STATE	263.513	6596.051			

* 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 5 Hrs
MSPGCL Thermal	4305	4312	4410	4411
MSPGCL Hydro	258	231	1704	125
MSPGCL Gas	258	265	271	278
MSPGCL Total Generation	4821	4808	6385	4814
Central Sector Receipt	5413	4937	4459	4023
WIND	121	150	344	130
CPP / IPP Thermal	4784	4717	4913	4639
CPP / IPP Gas	0	0	0	0
SOLAR	339	330	0	0
Exchange with Mumbai	-1373	-1334	-1231	-952
MSEDCL DEMAND MET	14105	13608	14870	12654
Load Shedding	0	0	0	0
MSEDCL DEMAND	14105	13608	14870	12654
TPCL GENERATION	767	795	925	605
R-INFRA GENERATION	193	193	251	193
MUMBAI DEMAND	2333	2322	2407	1750
STATE DEMAND MET	16438	15930	17277	14404
STATE DEMAND	16438	15930	17277	14404
Frequency (Hz)	50.02	50.00	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 14.01 Hrs	49.89 Hz at 20.09 Hrs	50.01	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/Sep/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	0.00	34.12	0	0
Unit 8	10.34	261.25	460	403
Unit 9	0.00	69.47	0	0
Unit 10	10.48	194.34	475	403
Total	20.82	559.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.44	171.72	350	300
Unit 5	7.58	194.53	350	300
Total	15.02	366.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.31	106.76	190	176
Unit 7	4.28	104.73	191	173
Unit 8	0.00	0.00	0	0
Total	8.60	211.49		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.26	175.64	365	325
Unit 6	0.00	66.75	0	0
Unit 7	8.29	149.99	370	325
Unit 8	8.39	247.85	376	323
Unit 9	8.37	164.80	369	330
Total	33.32	849.59		
Paras				
Unit 3	3.86	97.22	167	151
Unit 4	3.74	95.79	164	150
Total	7.60	193.01		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	3.61	78.91	160	125
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.04	15.81	440	120
Total	11.65	155.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.91	97.71	166	159
Unit 5	3.87	75.30	165	155
Total	7.78	173.01		
Uran				
All Units	6.35	179.24	278	254
Total	6.35	179.24		
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)	0.00	0.98	0	0
Total	0.00	0.98		
Koyna				
Stage 1-2	1.81	94.95	445	40
Stage 4	3.42	152.35	1000	0
Stage 3	1.61	60.51	240	0
Total	6.84	307.82		
Hydro				
KDPH	0.89	6.38	37	36
VTRNA	0.00	9.70	0	0
TILLARI	0.00	1.26	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	7.83	80	0
RNGR+BHTSA	0.00	5.76	2	0
BHANDARDRA	0.22	4.09	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	7.92	23	22
GHATGHAR	0.00	0.00	0	0
Total	1.87	42.93		
Wind				
Total	5.87	293.52	0	0
Total	5.87	293.52		
CPP				
APML(Mus)	62.11	1114.52	0	0
JSWEL(Mus)	26.15	479.56	0	0
VIPL(Mus)	7.17	168.53	0	0
RPLAMT(Mus)	12.11	551.51	0	0
WPCL(Mus)	2.99	55.01	0	0
Other(Mus)	2.69	65.51	0	0
Total	113.22	2434.64		
SOLAR				
Total	2.44	46.27	0	0
Total	2.44	46.27		
Tata				
Trombay 5	9.18	248.08	487	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.13	34.95	48	47
Trombay 7B	0.96	26.43	41	39
Trombay 8	5.08	130.93	242	186
TATA Hydro	0.69	97.57	121	0
Total	17.03	537.95		
R-INFRA				
DTPS U-1&2	5.10	245.92	251	192
Total	5.10	245.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.79	2507.76	MSPGCL Total	119.85	3037.76
			MSPGCL Thml+Gas	111.14	2687.01	Koyna 1,2 & 4 Total	5.23	247.30
			MSPGCL Hydro	8.71	350.75	State Total	263.51	6596.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Sep/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	4267	115	266	4648	217	4870	0	0	4359	4264	-1136	12863	0	12863	2175	15038	49.99
2	4323	115	276	4714	177	4660	0	0	4147	4227	-1138	12640	0	12640	1982	14622	50.02
3	4357	135	268	4760	130	4686	0	0	4043	4040	-1078	12538	0	12538	1876	14414	50.03
4	4423	125	267	4815	126	4693	0	0	4022	3976	-977	12633	0	12633	1774	14407	50.02
5	4411	125	278	4814	130	4639	0	0	4305	4023	-952	12654	0	12654	1750	14404	49.97
6	4464	115	267	4846	147	4724	0	0	4451	4317	-925	13109	0	13109	1815	14924	49.99
7	4480	114	268	4862	215	4747	0	5	4974	5012	-936	13905	0	13905	1832	15737	50.00
8	4487	124	266	4877	224	4683	0	69	5183	5011	-1052	13812	0	13812	1897	15709	49.98
9	4479	119	263	4861	212	4516	0	168	5149	5109	-1254	13612	0	13612	2050	15662	50.01
10	4436	161	260	4857	209	4362	0	259	4821	5435	-1388	13734	0	13734	2185	15919	50.00
11	4439	278	259	4976	154	4571	0	299	4914	5156	-1470	13686	0	13686	2308	15994	50.01
12	4305	258	258	4821	121	4784	0	339	5366	5413	-1373	14105	0	14105	2333	16438	50.02
13	4312	231	265	4808	150	4717	0	330	5368	4937	-1334	13608	0	13608	2322	15930	50.00
14	4315	198	254	4767	179	4479	0	314	5020	5139	-1398	13480	0	13480	2262	15742	50.00
15	4293	200	255	4748	214	4516	0	265	5022	5267	-1409	13601	0	13601	2251	15852	50.01
16	4267	194	254	4715	252	4757	0	209	5012	4973	-1369	13537	0	13537	2213	15750	49.99
17	4265	151	267	4683	420	4804	0	140	4673	4618	-1308	13357	0	13357	2153	15510	50.02
18	4262	119	258	4639	303	4674	0	46	4633	4725	-1267	13120	0	13120	2127	15247	50.03
19	4339	707	270	5316	292	4864	0	0	4713	4745	-1214	14003	0	14003	2265	16268	50.02
20	4410	1704	271	6385	344	4913	0	0	4711	4459	-1231	14870	0	14870	2407	17277	50.00
21	4357	1446	261	6064	410	4926	0	0	4476	4250	-1270	14380	0	14380	2404	16784	49.97
22	4367	1074	264	5705	485	4898	0	0	4475	4133	-1273	13948	0	13948	2371	16319	50.04
23	4393	561	273	5227	413	4915	0	0	4393	4207	-1256	13506	0	13506	2318	15824	50.02
24	4339	338	266	4943	346	4821	0	0	4448	3825	-1217	12718	0	12718	2282	15000	50.00
MUs	104.79	8.71	6.35	119.85	5.87	113.22	0.00	2.44	112.68	111.26	-29.22	323.42	0.00	323.42	51.35	374.77	50.01

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/Sep/2017

Position as on 6.30 Hrs of 25/Sep/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	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.Converted to COH from 15.08.2017.	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
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-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	

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

Position as on 6.30 Hrs of 25/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Coal Shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	18/09/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	19/09/2017	22.52		Continued.	Boiler protection Operated	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	

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

Statement-VII

Position as on 6.30 Hrs of 25/Sep/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 Khandwa I	InterState	22/09/2017	13.45	24/09/2017	12.16	T	Outage By Wrldc(Code2149 For Converting For Over Voltage)REC(20.32)
Dhule Sar'Sarovar II	InterState	23/09/2017	20.41		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	24/09/2017	12.41	25/09/2017	06.47	PO	replacement of conventional insulator with polymer insulator. (REC.24.09.2017-19.13)
Ektuni-Bableshtar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	17/09/2017	23.00		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	18/09/2017	19.25		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	19/09/2017	20.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/09/2017	22.58		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	24/09/2017	07.27	24/09/2017	19.04	PO	crossing work.
koaradi II - Wardha(PG)	IntraState	24/09/2017	08.00	24/09/2017	19.14	PO	crossing work.
400 KV ICT Outages/Trippings							
500MVA ICT III @ Dhule	IntraState	24/09/2017	09.22	24/09/2017	14.20	PO	to attend red hot spot on y-phase lv side bushing.
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.
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.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Trombay - Mulund	IntraState	23/09/2017	14.23	24/09/2017	00.37	PO	isolator work.
TATA Tie I	IntraState	23/09/2017	15.33	24/09/2017	00.41	PO	isolator work.
New Koyana - Niwali	IntraState	24/09/2017	16.33	24/09/2017	17.54	T	Distance Protection
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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 KV ICT III @ Nasik OCR	IntraState	21/09/2017	04.27	24/09/2017	02.01	T	Radiator Oil Leakage
132 KV LINE Outages/Trippings							
Parvati-Gis Rastapeth	IntraState	21/09/2017	14.39	24/09/2017	22.10	T	Distance Protection

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