

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Sep/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.041	2720.165	1) Gujrat	2.365	24.189
2) Hydro	11.520	371.892	2) Madhya Pradesh	20.601	364.743
3) Gas	6.366	192.003	3) Chattisgarh	6.630	158.420
Total MSPGCL	123.927	3284.060	4) Maharashtra Net	95.116	2440.548
B) 1) APML	62.407	1239.193	5) Goa (Amona)	0.000	-2.860
2) JSWEL	26.685	532.832	Total	124.712	2985.040
3) VIPL	7.477	183.509	a) Mumbai Schedule	30.042	581.554
4) RPL(AMT)	13.519	578.045	b) Mumbai Drawl	29.736	710.445
5) WPCL	3.149	61.170	c) MSEDCL Bilateral *	20.705	464.164
6) PGPL	0.000	0.000	Include PX	1.031	40.026
7) Other IPP	2.307	70.138	d) Mumbai Bilateral *	30.042	578.084
C) 1) TPCL Thermal	16.632	411.947	Include PX	6.712	109.386
2) TPCL Hydro	6.254	109.705	Include Standby	0.000	3.470
3) TPCL Gas	3.710	67.876	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.770	257.426	1) MSEDCL	342.458	8580.515
D) STATE			2) Mumbai Discoms	62.102	1557.405
1) Thermal	243.987	6054.425	TOTAL STATE	404.560	10137.920
(A1+C1+C4+(B1-B6))					
2) Hydro	17.774	481.597			
(A2+C2)					
3) Gas	10.076	259.879			
(A3+B6+C3)					
4) Wind	5.515	305.572			
6) SOLAR	2.496	51.401			
TOTAL STATE	279.848	7152.874			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4270	4315	4780	4427
MSPGCL Hydro	888	941	1467	47
MSPGCL Gas	264	263	271	267
MSPGCL Total Generation	5422	5519	6518	4741
Central Sector Receipt	5775	5732	5393	4264
WIND	43	442	169	383
CPP / IPP Thermal	4784	4808	4893	4674
CPP / IPP Gas	0	0	0	0
SOLAR	355	211	0	0
Exchange with Mumbai	-1569	-1473	-1373	-1032
MSEDCL DEMAND MET	14810	15239	15600	13030
Load Shedding	586	345	435	0
MSEDCL DEMAND	15396	15584	16035	13030
TPCL GENERATION	1329	1355	1352	647
R-INFRA GENERATION	250	251	250	194
MUMBAI DEMAND	3148	3079	2975	1873
STATE DEMAND MET	17958	18318	18575	14903
STATE DEMAND	18544	18663	19010	14903
Frequency (Hz)	49.94	49.91	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.01 Hrs	49.8 Hz at 14.20 Hrs	49.95	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 26/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	11.59	282.72	510	461
Unit 9	0.00	69.47	0	0
Unit 10	10.13	212.20	520	346
Total	21.72	598.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.48	186.88	350	300
Unit 5	7.59	209.97	365	300
Total	15.06	396.86		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.40	115.58	206	173
Unit 7	4.27	113.28	191	173
Unit 8	0.00	0.00	0	0
Total	8.68	228.85		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.45	193.18	410	316
Unit 6	0.00	66.75	0	0
Unit 7	8.40	167.42	405	329
Unit 8	9.29	267.36	469	330
Unit 9	9.16	184.11	420	332
Total	35.31	923.40		
Paras				
Unit 3	3.98	105.01	190	149
Unit 4	3.90	103.35	180	150
Total	7.88	208.36		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	0.00	79.84	0	0
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.62	35.26	430	358
Total	9.62	175.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.88	105.47	170	149
Unit 5	3.91	83.09	169	150
Total	7.78	188.56		
Uran				
All Units	6.37	192.00	279	251
Total	6.37	192.00		
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)	0.05	1.02	34	0
Total	0.05	1.02		
Koyna				
Stage 1-2	4.08	101.72	450	40
Stage 4	4.48	160.30	938	0
Stage 3	1.97	64.11	168	0
Total	10.53	326.14		
Hydro				
KDPH	0.02	7.05	18	0
VTRNA	0.00	9.70	0	0
TILLARI	0.12	1.50	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	8.42	80	0
RNGR+BHTSA	0.26	6.18	17	0
BHANDARDRA	0.08	4.16	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	8.74	8	7
GHATGHAR	0.00	0.00	0	0
Total	0.99	45.76		
Wind				
Total	5.52	305.57	0	0
Total	5.52	305.57		
CPP				
APML(Mus)	62.41	1239.19	0	0
JSWEL(Mus)	26.68	532.83	0	0
VIPL(Mus)	7.48	183.51	0	0
RPLAMT(Mus)	13.52	578.04	0	0
WPCL(Mus)	3.15	61.17	0	0
Other(Mus)	2.31	70.14	0	0
Total	115.54	2664.89		
SOLAR				
Total	2.50	51.40	0	0
Total	2.50	51.40		
Tata				
Trombay 5	10.91	269.79	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	38.81	102	75
Trombay 7B	1.45	29.07	64	54
Trombay 8	5.72	142.16	250	199
TATA Hydro	6.25	109.70	459	0
Total	26.60	589.53		
R-INFRA				
DTPS U-1&2	5.77	257.43	251	194
Total	5.77	257.43		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	106.04	2720.16	MSPGCL Total	123.93	3284.06
			MSPGCL Thml+Gas	112.41	2912.17	Koyna 1,2 & 4 Total	8.56	262.03
			MSPGCL Hydro	11.52	371.89	State Total	279.85	7152.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4411	155	266	4832	315	4808	0	0	4664	4421	-1085	13291	0	13291	2216	15507	49.99
2	4391	57	277	4725	315	4811	0	0	4481	4423	-1041	13233	0	13233	2009	15242	49.98
3	4427	47	267	4741	383	4674	0	0	4388	4264	-1032	13030	0	13030	1873	14903	49.96
4	4415	47	268	4730	407	4637	0	0	4276	4299	-969	13104	0	13104	1809	14913	50.00
5	4417	57	278	4752	419	4626	0	0	4481	4367	-936	13228	0	13228	1776	15004	49.94
6	4456	272	278	5006	362	4779	0	0	4583	4645	-902	13890	0	13890	1891	15781	49.94
7	4438	369	279	5086	324	4823	0	7	5414	5597	-924	14913	298	15211	2027	17238	49.97
8	4464	77	268	4809	198	4804	0	72	5538	5255	-1108	14030	691	14721	2240	16961	49.99
9	4441	75	275	4791	153	4792	0	182	5313	5349	-1153	14114	396	14510	2443	16953	49.97
10	4450	322	260	5032	96	4788	0	266	5394	5583	-1423	14342	228	14570	2870	17440	49.99
11	4447	582	257	5286	75	4791	0	311	5569	5847	-1511	14799	287	15086	3084	18170	49.96
12	4270	888	264	5422	43	4784	0	355	5736	5775	-1569	14810	586	15396	3148	18544	49.94
13	4253	305	253	4811	48	4791	0	349	5750	5906	-1490	14415	776	15191	3082	18273	49.94
14	4313	234	253	4800	48	4796	0	329	5693	5990	-1476	14487	730	15217	3008	18225	49.97
15	4332	675	251	5258	79	4825	0	263	5643	5898	-1469	14854	501	15355	3068	18423	49.90
16	4315	941	263	5519	442	4808	0	211	5654	5732	-1473	15239	345	15584	3079	18663	49.91
17	4322	394	253	4969	396	4737	0	112	5305	5422	-1483	14153	438	14591	3072	17663	49.90
18	4265	334	257	4856	241	4827	0	39	5161	5313	-1380	13896	650	14546	2977	17523	49.96
19	4581	948	258	5787	169	4879	0	0	5213	5207	-1354	14688	406	15094	2956	18050	49.98
20	4780	1467	271	6518	169	4893	0	0	5329	5393	-1373	15600	435	16035	2975	19010	49.93
21	4745	1296	261	6302	210	4926	0	0	5027	5056	-1246	15248	178	15426	2791	18217	49.91
22	4405	1068	274	5747	232	4989	0	0	4931	5114	-1167	14915	0	14915	2690	17605	49.90
23	4382	547	262	5191	233	4961	0	0	4927	5052	-1083	14354	0	14354	2539	16893	49.91
24	4321	363	273	4957	158	4995	0	0	4794	4804	-1089	13825	0	13825	2479	16304	49.90
MUs	106.04	11.52	6.37	123.93	5.52	115.54	0.00	2.50	123.26	124.71	-29.74	342.46	6.94	349.40	62.10	411.51	49.95

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 26/Sep/2017

Position as on 6.30 Hrs of 27/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(Coal Shortage From 11-09-2017)	
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 26/Sep/2017

Position as on 6.30 Hrs of 27/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	26/09/2017	19.56	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 26/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 27/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 Sar'Sarovar II	InterState	23/09/2017	20.41		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
karad -kolhapur-I	IntraState	19/09/2017	20.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/09/2017	22.58	26/09/2017	16.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/09/2017	21.40	26/09/2017	10.32	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/09/2017	01.01	26/09/2017	06.46	HT	Over Voltage
TBC @ Bhusawal-II	IntraState	26/09/2017	09.11	26/09/2017	16.15	PO	Measurement of tan delta of CT.
Nagothane - Dabhol I	IntraState	26/09/2017	14.51	26/09/2017	18.36	EO	Tree trimming work.
Karad-Jaigad - I	IntraState	26/09/2017	16.19		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	26/09/2017	22.06	27/09/2017	06.26	T	Over Voltage
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
Tambati - Adlabs	IntraState	25/09/2017	20.20	26/09/2017	01.50	PO	Replacement Of Breaker Tripped oil.
Kathapur-Ranjangaon	IntraState	26/09/2017	09.20	26/09/2017	19.39	PO	Line bunching work.
Wardha-Dhamangaon	IntraState	26/09/2017	09.50	26/09/2017	17.20	PO	Measurement of tan delta of CT.
220kv Lonand- Phaltan line	IntraState	26/09/2017	10.00	26/09/2017	12.28	PO	Quarterly Maintainance Work
Pedambe-Pophali	IntraState	26/09/2017	10.10	26/09/2017	19.18	PO	Line Maintenance work
Parli 3 (Old Gcr)-Osmanabad	IntraState	26/09/2017	10.15	26/09/2017	12.57	PO	R and M work.
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	26/09/2017	10.151	26/09/2017	12.5717.36	PO	Measurements of CB timing and CRM Measurements of tan delta of Ct.
Nagothane - ACCIL	IntraState	26/09/2017	10.39	26/09/2017	18.50	PO	Line Maintenance work
Nashik-Airoli Knowledge Park	IntraState	26/09/2017	10.58	26/09/2017	20.28	T	Diagnostic testing work.
Gadchandur - Virur-I	IntraState	26/09/2017	11.11	26/09/2017	17.00	PO	Line Maintenance work
Jejuri (400 Kv)-Jejuri- I	IntraState	26/09/2017	12.08	26/09/2017	14.24	PO	Testing Work
Vita - Miraj	IntraState	26/09/2017	12.25	26/09/2017	16.05	PO	Quarterly Maintainance Work
Hingoli- Girawali	IntraState	26/09/2017	13.51	26/09/2017	18.19	PO	Measurements of tan delta of CT.
Jejuri (400 Kv)-Jejuri- li	IntraState	26/09/2017	15.02	26/09/2017	17.10	PO	Testing Work
Sonkhar - Trombay	IntraState	27/09/2017	05.38		Continued.	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.
132 KV LINE Outages/Trippings							

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 27/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Harangul-Latur(Koyana) Ckt-Ii	IntraState	26/09/2017	13.10	26/09/2017	16.45	PO	Measurements of breaker timing.
100 KV LINE Outages/Trippings							
Kandalgaon - Roha II	IntraState	26/09/2017	13.00		Continued.	PO	Relay Testing Work.
Kandalgaon- Roha I	IntraState	26/09/2017	16.50		Continued.	T	Distance Protection