

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Sep/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	65.224	2508.794	1) Gujrat	-5.429	-13.307
2) Hydro	5.703	213.632	2) Madhya Pradesh	17.124	263.968
3) Gas	10.168	181.688	3) Chattisgarh	3.740	157.000
Total MSPGCL	81.095	2904.114	4) Maharashtra Net	80.339	2082.769
B) 1) APML	62.426	1525.920	5) Goa (Amona)	-0.454	-14.340
2) JSWEL	20.315	515.393	6) TAPS 1&2 Injection	7.650	198.802
3) VIPL	11.143	290.968	7) RGPPL Injection	12.276	309.106
4) RPL(AMT)	0.000	65.208	8) Pench (MS)	0.988	24.524
5) WPCL	4.360	114.827	9) Pench (Excess)	-0.988	-24.524
6) PGPL	0.000	80.445	Total	114.258	2959.474
7) Other IPP	2.500	65.592	a) Mumbai Schedule	17.913	480.534
C) 1) TPCL Thermal	13.781	322.297	b) Mumbai Drawl	24.225	624.368
2) TPCL Hydro	6.084	134.302	c) MSEDCL Bilateral *	29.427	701.924
3) TPCL Gas	4.377	109.502	Include PX	-1.370	-50.115
4) R-INFRA Thermal	9.638	264.742	d) Mumbai Bilateral *	17.913	480.020
D) STATE			Include PX	1.173	29.093
1) Thermal	189.387	5673.741	Include Standby	0.000	0.514
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro (A2+C2)	11.787	347.934	1) MSEDCL	294.170	8455.927
3) Gas (A3+B6+C3)	14.545	371.635	2) Mumbai Discoms	58.247	1455.358
4) Wind	21.154	535.150	TOTAL STATE	352.417	9911.285
6) SOLAR	1.144	23.204			
TOTAL STATE	238.017	6951.664			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2813	3005	3215	2516
MSPGCL Hydro	264	309	898	108
MSPGCL Gas	411	418	412	434
MSPGCL Total Generation	3488	3732	4525	3058
Central Sector Receipt	5338	4985	5082	3433
WIND	761	1057	1002	1011
CPP / IPP Thermal	4553	4048	4661	3743
CPP / IPP Gas	0	0	0	0
SOLAR	152	17	0	0
Exchange with Mumbai	-1340	-1322	-989	-526
MSEDCL DEMAND MET	12952	12517	14281	10719
Load Shedding	0	0	0	0
MSEDCL DEMAND	12952	12517	14281	10719
TPCL GENERATION	1268	1085	1271	679
R-INFRA GENERATION	385	386	507	385
MUMBAI DEMAND	2993	2793	2767	1590
STATE DEMAND MET	15945	15310	17048	12309
STATE DEMAND	15945	15310	17048	12309
Frequency (Hz)	49.99	49.89	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13:59 Hrs	49.67 Hz at 18:41 Hrs	49.94	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/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	10.83	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	51.03	0	0
Unit 8	9.82	274.50	540	0
Total	9.82	336.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	6.80	0	0
Unit 4	0.00	93.04	0	0
Unit 5	0.00	136.14	0	0
Total	0.00	235.98		
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
Total	0.00	0.00		
Chandrapur				
Unit 3	4.14	108.10	194	161
Unit 4	4.13	88.09	185	163
Unit 5	8.32	229.14	375	315
Unit 6	9.12	201.71	430	324
Unit 7	8.68	220.29	397	323
Unit 8	0.00	146.45	0	0
Total	34.39	993.80		
Paras				
Unit 3	4.90	111.51	236	183
Unit 4	5.00	122.02	249	190
Total	9.90	233.54		
Khaparkheda				
Unit 1	0.00	45.01	0	0
Unit 2	0.00	62.12	0	0
Unit 3	0.00	70.68	0	0
Unit 4	0.00	68.43	0	0
Unit 5	2.96	228.42	322	0
Total	2.96	474.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.08	106.80	196	163
Unit 5	4.08	106.89	196	162
Total	8.16	213.69		
Uran				
All Units	10.17	181.69	439	406
Total	10.17	181.69		
PGPL				
Unit 1	0.00	51.09	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	29.35	0	0
Total	0.00	80.44		
PENCH (MS)				
Pench (MS)	0.99	24.52	53	22
Total	0.99	24.52		
Koyna				
Stage 1-2	1.96	73.30	445	40
Stage 4	0.00	27.33	0	0
Stage 3	0.81	33.82	160	0
Total	2.78	134.45		
Hydro				
KDPH	0.00	13.36	0	0
VTRNA	0.00	4.97	0	0
TILLARI	0.37	8.08	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	11.74	80	0
RNGR+BHTSA	0.41	2.34	18	17
BHANDARDRA	0.34	6.72	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.95	11.52	49	36
GHATGHAR	0.41	20.45	125	0
Total	2.93	79.18		
Wind				
Total	21.15	535.15	0	0
Total	21.15	535.15		
CPP				
APML(Mus)	62.43	1525.92	0	0
JSWEL(Mus)	20.32	515.39	0	0
VIPL(Mus)	11.14	290.97	0	0
RPLAMT(Mus)	0.00	65.21	0	0
WPCL(Mus)	4.36	114.83	0	0
Other(Mus)	2.50	65.59	0	0
Total	100.74	2577.91		
SOLAR				
Total	1.14	23.20	0	0
Total	1.14	23.20		
Tata				
Trombay 5	8.65	189.77	477	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	68.78	120	100
Trombay 7B	1.61	40.72	69	63
Trombay 8	5.14	132.53	245	199
TATA Hydro	6.08	134.30	387	4
Total	24.24	566.10		
R-INFRA				
1-2	9.64	264.74	507	384
Total	9.64	264.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	20.78	MSPGCL Thermal	65.22	2508.79	MSPGCL Total	81.10	2904.11
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	75.39	2690.48	Koyna 1,2 & 4 Total	1.96	100.63
Koradi 10	0.00	0.00	MSPGCL Hydro	5.70	213.63	State Total	238.02	6951.66
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Sep/2016

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	2456	107	434	2997	1064	3770	0	0	3439	3748	-703	10876	0	10876	1885	12761	49.97
2	2486	113	425	3024	967	3752	0	0	3145	3541	-645	10639	0	10639	1752	12391	49.95
3	2519	113	434	3066	1091	3754	0	0	3411	3404	-540	10775	0	10775	1630	12405	49.95
4	2516	108	434	3058	1011	3743	0	0	3175	3433	-526	10719	0	10719	1590	12309	49.95
5	2516	108	434	3058	1056	3804	0	0	3636	3618	-497	11039	0	11039	1591	12630	49.92
6	2554	108	436	3098	952	3928	0	0	4336	4271	-581	11668	0	11668	1767	13435	49.91
7	2571	108	425	3104	774	4333	0	3	4757	4751	-746	12219	0	12219	1996	14215	49.94
8	2551	187	422	3160	887	4354	0	29	5073	5196	-787	12839	0	12839	2148	14987	49.95
9	2545	311	418	3274	714	4394	0	76	5173	5693	-981	13170	0	13170	2433	15603	49.95
10	2715	408	425	3548	644	4453	0	117	5260	5383	-1249	12896	0	12896	2833	15729	49.96
11	2813	264	411	3488	761	4553	0	152	5364	5338	-1340	12952	0	12952	2993	15945	49.99
12	2715	205	423	3343	673	4408	0	173	5417	5212	-1393	12416	0	12416	3030	15446	49.96
13	2711	108	417	3236	645	4294	0	177	5009	4912	-1333	11931	0	11931	2962	14893	49.94
14	2771	108	406	3285	676	4184	0	138	4827	5042	-1339	11986	0	11986	2845	14831	49.95
15	2800	238	410	3448	809	4097	0	125	4823	4984	-1396	12067	0	12067	2862	14929	49.92
16	2814	123	416	3353	944	4231	0	85	4933	4982	-1425	12170	0	12170	2874	15044	49.95
17	2835	114	411	3360	1156	4136	0	52	4896	5008	-1413	12299	0	12299	2850	15149	49.90
18	3005	309	418	3732	1057	4048	0	17	4904	4985	-1322	12517	0	12517	2793	15310	49.89
19	3224	457	418	4099	994	4512	0	0	5205	5122	-1236	13491	0	13491	2744	16235	49.82
20	3215	898	412	4525	1002	4661	0	0	5112	5082	-989	14281	0	14281	2767	17048	49.92
21	3091	511	435	4037	811	4591	0	0	5098	5163	-927	13675	0	13675	2673	16348	49.95
22	2784	353	439	3576	815	4479	0	0	5082	5229	-818	13281	0	13281	2493	15774	49.95
23	2596	190	437	3223	822	4290	0	0	5117	5229	-1015	12549	0	12549	2374	14923	49.99
24	2421	154	428	3003	829	3971	0	0	4977	4932	-1024	11711	0	11711	2220	13931	49.98
MUs	65.22	5.70	10.17	81.10	21.15	100.74	0.00	1.14	112.17	114.26	-24.23	294.17	0.00	294.17	58.11	352.28	49.94

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/2016

Position as on 6.30 Hrs of 27/Sep/2016

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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After 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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
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	
IPP	RPL(AMT) U-2	270	12/09/2016	00.03		Continued.	Zero Schedule by MSEDCL	
PGPL	PGPL U2	126	14/09/2016	00.16		Continued.	Due To No Shedule.	
PGPL	PGPL U1	262	14/09/2016	00.20		Continued.	Due To No Shedule.	
IPP	RPL(AMT) U-1	270	14/09/2016	23.55		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	15/09/2016	18.09		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	15/09/2016	23.59		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	16/09/2016	00.06		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 1	210	17/09/2016	13.39		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Sep/2016

Position as on 6.30 Hrs of 27/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 2	210	17/09/2016	13.43		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Bhusawal Unit 5	500	17/09/2016	13.51		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	17/09/2016	20.40		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	17/09/2016	20.48		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Chandrapur Unit-8	500	19/09/2016	18.43		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	22/09/2016	13.47		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 5	500	22/09/2016	20.48	26/09/2016	10.57	Boiler Tube Leakage	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit-8	660	26/09/2016	21.37		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 27/Sep/2016

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							
Dhule Sar'Sarovar II	InterState	20/09/2016	22.04	26/09/2016	12.35	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/09/2016	13.08	26/09/2016	09.27	HT	Over Voltage
Koradi Bhilai	InterState	26/09/2016	09.45		Continued.	PO	CT replacement .
Dhule Sar'Sarovar I	InterState	26/09/2016	12.03		Continued.	T	Distance Protection (RFC 20:08 hrs)
Kolhapur Solapur(PG) I	InterState	26/09/2016	17.22		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
Karad-Jaigad - I	IntraState	16/09/2016	11.27		Continued.	EO	Attending Hot Spot, Line RFC @ 14.19 Hrs.
karad -kolhapur-I	IntraState	17/09/2016	03.43		Continued.	T	Over Voltage,B Pole of Breaker Bust.
Khadka-Aurangabad (Waluj)	IntraState	19/09/2016	15.14	26/09/2016	08.07	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	25/09/2016	21.48	26/09/2016	06.53	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	25/09/2016	23.14	26/09/2016	06.42	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	26/09/2016	09.22		Continued.	PO	String Replacement Work (RFC at 18:20 hrs)
Chandrapur - Parli	IntraState	26/09/2016	10.55	26/09/2016	18.47	EO	Breaker TC Replacement.
Bus Coupler @ Padgha	IntraState	26/09/2016	13.55	26/09/2016	16.34	PO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudas bay ektuni CKT-2 will remain off during this outage period.
400/220 KV 315MVA ICT II @ Parli	IntraState	25/09/2016	21.07	26/09/2016	06.49	T	Bucholz Protection Optd
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshtar - Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Deepnagar Bambhori	IntraState	22/09/2016	14.07		Continued.	T	Distance Protection
Adlabs - Pedambe	IntraState	26/09/2016	09.10	26/09/2016	10.42	PO	Routine Maintenance Work
Karad(400kv) - Wathar	IntraState	26/09/2016	09.27	26/09/2016	14.27	PO	Line Maintenance work
Waluj - Chitegaon li	IntraState	26/09/2016	11.06	26/09/2016	12.18	T	Tripped along with Chitegaon Aurangabad.
Waluj - Chitegaon I	IntraState	26/09/2016	11.06	26/09/2016	11.54	T	Tripped along with Chitegaon Aurangabad.
Kanhan-Bhandara I	IntraState	26/09/2016	11.11	26/09/2016	16.16	PO	Quarterly Maintanance Work
Taloja II - OCIL-I	IntraState	26/09/2016	11.16		Continued.	PO	Relay Panel Replacement at OCIL end.
Kandalgaon - Koyna	IntraState	26/09/2016	12.05	26/09/2016	18.00	PO	Line Maintenance work
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)

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/2016

Statement-VII

Position as on 6.30 Hrs of 27/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	03/09/2016	14.45		Continued.	PO	Dismantling of ICT 1 &transfer to 220kv Amalner S/S.
220/132kv 100MVA ICT-1@ Amalner	IntraState	26/09/2016	09.30		Continued.	PO	Augmentation work.
220 Kv /33 Kv 50mva Ptr 2 @Chitegaon	IntraState	26/09/2016	11.06	26/09/2016	12.14	T	Tripped along with Chitegaon Aurangabad.
220/110kv 100MVA ICT-II @Miraj	IntraState	26/09/2016	11.09		Continued.	PO	Diagnostic Testing Work.
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.