

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Sep/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	63.194	2571.988	1) Gujrat	-4.448	-17.755
2) Hydro	12.852	226.484	2) Madhya Pradesh	17.983	281.951
3) Gas	10.230	191.918	3) Chattisgarh	1.550	158.550
Total MSPGCL	86.276	2990.390	4) Maharashtra Net	85.758	2168.527
B) 1) APML	64.083	1590.003	5) Goa (Amona)	-0.640	-14.980
2) JSWEL	20.536	535.929	6) TAPS 1&2 Injection	7.615	206.417
3) VIPL	12.775	303.743	7) RGPPL Injection	11.526	320.632
4) RPL(AMT)	0.000	65.208	8) Pench (MS)	0.989	25.513
5) WPCL	0.000	114.827	9) Pench (Excess)	-0.989	-25.513
6) PGPL	0.000	80.445	Total	118.355	3077.829
7) Other IPP	2.608	68.200	a) Mumbai Schedule	17.400	497.934
C) 1) TPCL Thermal	15.025	337.322	b) Mumbai Drawl	24.085	648.453
2) TPCL Hydro	5.388	139.690	c) MSEDCL Bilateral *	26.523	728.447
3) TPCL Gas	4.405	113.907	Include PX	-0.902	-51.016
4) R-INFRA Thermal	10.652	275.394	d) Mumbai Bilateral *	17.400	497.420
D) STATE			Include PX	1.542	30.635
1) Thermal	188.873	5862.614	Include Standby	0.000	0.514
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	18.240	366.174	1) MSEDCL	300.400	8756.327
3) Gas	14.635	386.270	2) Mumbai Discoms	59.555	1514.913
4) Wind	18.414	553.564	TOTAL STATE	359.955	10271.240
6) SOLAR	1.438	24.642			
TOTAL STATE	241.600	7193.264			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2724	2743	2709	2459
MSPGCL Hydro	737	569	1897	205
MSPGCL Gas	421	421	418	427
MSPGCL Total Generation	3882	3733	5024	3091
Central Sector Receipt	5446	4906	5079	3981
WIND	622	939	915	771
CPP / IPP Thermal	4298	4339	4516	3664
CPP / IPP Gas	0	0	0	0
SOLAR	172	16	0	0
Exchange with Mumbai	-1015	-1114	-1009	-678
MSEDCL DEMAND MET	13405	12819	14525	10829
Load Shedding	0	0	0	0
MSEDCL DEMAND	13405	12819	14525	10829
TPCL GENERATION	1295	1238	1323	699
R-INFRA GENERATION	506	500	509	386
MUMBAI DEMAND	2816	2852	2841	1763
STATE DEMAND MET	16221	15671	17366	12592
STATE DEMAND	16221	15671	17366	12592
Frequency (Hz)	49.92	49.92	49.97	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 16.00 Hrs	49.7 Hz at 00.44 Hrs	49.93	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 27/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	0.00	274.50	0	0
Total	0.00	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	4.42	112.52	198	164
Unit 4	4.29	92.38	185	163
Unit 5	8.69	237.83	390	335
Unit 6	9.75	211.46	450	360
Unit 7	9.13	229.42	408	356
Unit 8	0.00	146.45	0	0
Total	36.28	1030.07		
Paras				
Unit 3	5.30	116.82	250	189
Unit 4	5.58	127.61	252	199
Total	10.88	244.42		
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	7.47	235.90	340	270
Total	7.47	482.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	111.08	203	161
Unit 5	4.28	111.17	196	164
Total	8.56	222.24		
Uran				
All Units	10.23	191.92	438	412
Total	10.23	191.92		
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	25.51	54	21
Total	0.99	25.51		
Koyna				
Stage 1-2	4.00	77.30	445	40
Stage 4	3.34	30.67	818	0
Stage 3	2.12	35.93	240	0
Total	9.45	143.90		
Hydro				
KDPH	0.00	13.36	0	0
VTRNA	0.00	4.97	0	0
TILLARI	0.37	8.45	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	12.20	80	0
RNGR+BHTSA	0.33	2.67	14	13
BHANDARDRA	0.34	7.07	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.85	12.37	36	35
GHATGHAR	1.05	21.50	250	0
Total	3.40	82.58		
Wind				
Total	18.41	553.56	0	0
Total	18.41	553.56		
CPP				
APML(Mus)	64.08	1590.00	0	0
JSWEL(Mus)	20.54	535.93	0	0
VIPL(Mus)	12.78	303.74	0	0
RPLAMT(Mus)	0.00	65.21	0	0
WPCL(Mus)	0.00	114.83	0	0
Other(Mus)	2.61	68.20	0	0
Total	100.00	2677.91		
SOLAR				
Total	1.44	24.64	0	0
Total	1.44	24.64		
Tata				
Trombay 5	9.54	199.31	486	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	71.57	120	115
Trombay 7B	1.62	42.34	69	67
Trombay 8	5.48	138.01	248	201
TATA Hydro	5.39	139.69	411	7
Total	24.82	590.92		
R-INFRA				
1-2	10.65	275.39	509	385
Total	10.65	275.39		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	20.78
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	63.19	2571.99
MSPGCL Thml+Gas	73.42	2763.91
MSPGCL Hydro	12.85	226.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	86.28	2990.39
Koyna 1,2 & 4 Total	7.34	107.97
State Total	241.60	7193.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	2435	195	437	3067	821	3707	0	0	4203	4422	-908	11109	0	11109	2032	13141	49.84
2	2454	266	426	3146	705	3667	0	0	3969	4219	-771	10966	0	10966	1865	12831	49.91
3	2459	205	427	3091	771	3664	0	0	4114	3981	-678	10829	0	10829	1763	12592	49.91
4	2454	105	436	2995	839	3646	0	0	4220	4129	-632	10977	0	10977	1716	12693	49.91
5	2448	345	438	3231	930	3608	0	0	3892	4120	-629	11260	0	11260	1712	12972	49.91
6	2515	480	434	3429	922	3705	0	0	4453	4522	-710	11868	0	11868	1804	13672	49.91
7	2651	367	428	3446	917	4148	0	0	5031	5055	-926	12640	0	12640	2017	14657	49.93
8	2685	467	419	3571	830	4285	0	39	5062	5379	-952	13152	0	13152	2167	15319	49.96
9	2680	509	435	3624	678	4322	0	93	5158	5464	-981	13200	0	13200	2578	15778	49.94
10	2724	737	421	3882	622	4298	0	172	5238	5446	-1015	13405	0	13405	2816	16221	49.92
11	2740	503	412	3655	574	4286	0	170	5405	5588	-1272	13001	0	13001	3087	16088	49.94
12	2746	324	419	3489	570	4285	0	234	5412	5479	-1285	12772	0	12772	3101	15873	49.93
13	2748	109	417	3274	536	4292	0	210	5365	5224	-1235	12301	0	12301	3022	15323	49.93
14	2677	113	419	3209	532	4251	0	189	5226	5385	-1344	12222	0	12222	2882	15104	49.92
15	2639	238	415	3292	577	4250	0	139	5098	5454	-1367	12345	0	12345	2868	15213	49.87
16	2639	258	429	3326	679	4286	0	114	5021	5242	-1351	12296	0	12296	2879	15175	49.92
17	2676	287	420	3383	1011	4318	0	62	4846	5143	-1338	12579	0	12579	2864	15443	49.97
18	2743	569	421	3733	939	4339	0	16	4789	4906	-1114	12819	0	12819	2852	15671	49.92
19	2733	1395	427	4555	911	4364	0	0	4921	5063	-1021	13872	0	13872	2844	16716	49.91
20	2709	1897	418	5024	915	4516	0	0	4753	5079	-1009	14525	0	14525	2841	17366	49.97
21	2664	1683	425	4772	819	4440	0	0	4705	4860	-871	14020	0	14020	2664	16684	49.96
22	2634	1083	436	4153	836	4518	0	0	4578	4775	-833	13449	0	13449	2534	15983	49.96
23	2679	555	437	3671	688	4516	0	0	4524	4693	-946	12622	0	12622	2380	15002	49.95
24	2662	162	434	3258	792	4291	0	0	4611	4727	-897	12171	0	12171	2267	14438	49.96
MUs	63.19	12.85	10.23	86.28	18.41	100.00	0.00	1.44	114.59	118.35	-24.08	300.40	0.00	300.40	59.55	359.96	49.93

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 27/Sep/2016

Position as on 6.30 Hrs of 28/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 consent 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 27/Sep/2016

Position as on 6.30 Hrs of 28/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	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	
MSPGCL	Koyna STG- IV Unit - 1	250	27/09/2016	18.58	27/09/2016	19.40	Testing work	
MSPGCL	Uran Unit 7	108	28/09/2016	04.02		Continued.	Slipring Heavy Sparking.	
MSPGCL	Uran Unit B0	120	28/09/2016	04.02		Continued.	Slipring Heavy Sparking.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 28/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							
Koradi Bhilai	InterState	26/09/2016	09.45	27/09/2016	19.39	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	27/09/2016	07.41	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	27/09/2016	12.03	27/09/2016	15.04	PO	CT Oil Sample Testing
Kolhapur Solapur (PG) II	InterState	27/09/2016	20.36		Continued.	HT	Over Voltage
Ektuni-Bableswhar 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 Brust.
New Koyna - Dabhol-I	IntraState	26/09/2016	09.22		Continued.	PO	String Replacement Work (RFC at 18:20 hrs)
Khadka-Aurangabad (Waluj)	IntraState	26/09/2016	22.02	27/09/2016	11.20	HT	Over Voltage
403 Tie Bay @ Akola	IntraState	27/09/2016	11.22	27/09/2016	17.06	PO	Q.M. Work.
Taptitanda Waluj	IntraState	27/09/2016	11.28	27/09/2016	18.15	PO	CB Diagonastic Testing Work.
Khadka-Aurangabad (Waluj)	IntraState	27/09/2016	13.03		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/09/2016	04.05	28/09/2016	06.49	HT	Over Voltage
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.
400/220kv 315 Mva ICT II @Karad	IntraState	27/09/2016	07.10	27/09/2016	18.36	PO	Replacement Of 33KV Neutral Bhushing R&Y Phase.
105 Mva Spare Ict @Girwali	IntraState	27/09/2016	12.33		Continued.	PO	overhauling of ict-1
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	27/09/2016	15.11	27/09/2016	17.19	PO	Attending Hot Spot
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	27/09/2016	18.39	T	Distance Protection
Bableswhar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Deepnagar Bambhori	IntraState	22/09/2016	14.07		Continued.	T	Distance Protection
Taloja li - OCIL-II	IntraState	26/09/2016	11.16		Continued.	PO	Relay panel Replacement at OCIL end
Pophli Pedhmbe Line- 1	IntraState	27/09/2016	08.55	27/09/2016	17.35	PO	P.M.Work.
Nagothane - ACCIL	IntraState	27/09/2016	11.22	27/09/2016	18.10	PO	Insulator Replacement Work
Chakan-Chinchwad	IntraState	27/09/2016	21.45	28/09/2016	06.06	PO	Errection Of New M/C Line.
Telco- Chinchwad	IntraState	27/09/2016	21.54	28/09/2016	06.04	PO	Errection Of New M/C Line.
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 27/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 28/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.
132 KV LINE Outages/Trippings							
Gadchiroli - Mul	IntraState	27/09/2016	14.37	27/09/2016	15.10	T	Distance Protection
Virur - Ashti	IntraState	27/09/2016	14.37	27/09/2016	15.10	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.