

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Sep/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	62.272	2443.570	1) Gujrat	-2.622	-7.878
2) Hydro	6.825	207.929	2) Madhya Pradesh	16.586	246.844
3) Gas	7.588	171.520	3) Chattisgarh	8.360	153.260
Total MSPGCL	76.685	2823.019	4) Maharashtra Net	68.354	2002.430
B) 1) APML	58.670	1463.494	5) Goa (Amona)	-0.594	-13.886
2) JSWEL	20.012	495.078	6) TAPS 1&2 Injection	7.600	191.152
3) VIPL	10.481	279.825	7) RGPPL Injection	11.432	296.830
4) RPL(AMT)	0.000	65.208	8) Pench (MS)	1.019	23.536
5) WPCL	4.341	110.467	9) Pench (Excess)	-1.019	-23.536
6) PGPL	0.000	80.445	Total	108.097	2845.216
7) Other IPP	2.551	63.092	a) Mumbai Schedule	14.929	462.621
C) 1) TPCL Thermal	12.747	308.516	b) Mumbai Drawl	18.114	600.143
2) TPCL Hydro	3.452	128.218	c) MSEDCL Bilateral *	27.044	672.497
3) TPCL Gas	4.365	105.125	Include PX	0.000	-48.745
4) R-INFRA Thermal	9.509	255.104	d) Mumbai Bilateral *	14.929	462.107
D) STATE			Include PX	0.000	27.920
1) Thermal	180.583	5484.354	Include Standby	0.000	0.514
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro (A2+C2)	10.277	336.147	1) MSEDCL	283.456	8161.757
3) Gas (A3+B6+C3)	11.953	357.090	2) Mumbai Discoms	48.187	1397.111
4) Wind	19.777	513.996	TOTAL STATE	331.643	9558.868
6) SOLAR	0.956	22.060			
TOTAL STATE	223.546	6713.647			

* 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	2560	2576	2881	2595
MSPGCL Hydro	530	416	476	473
MSPGCL Gas	267	377	431	266
MSPGCL Total Generation	3357	3369	3788	3334
Central Sector Receipt	5335	4408	4890	3350
WIND	492	981	984	1031
CPP / IPP Thermal	4207	3823	4522	3745
CPP / IPP Gas	0	0	0	0
SOLAR	100	15	0	0
Exchange with Mumbai	-888	-768	-669	-626
MSEDCL DEMAND MET	12603	11828	13515	10834
Load Shedding	0	0	0	0
MSEDCL DEMAND	12603	11828	13515	10834
TPCL GENERATION	845	878	1111	697
R-INFRA GENERATION	386	385	507	385
MUMBAI DEMAND	2119	2031	2287	1708
STATE DEMAND MET	14722	13859	15802	12542
STATE DEMAND	14722	13859	15802	12542
Frequency (Hz)	50.02	49.97	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 14:02 Hrs	49.81 Hz at 20:50 Hrs	49.99	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 25/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	10.93	264.68	520	400
Total	10.93	326.54		
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	4.07	103.96	190	163
Unit 4	4.02	83.96	182	163
Unit 5	8.37	220.83	365	305
Unit 6	8.66	192.59	430	335
Unit 7	8.63	211.62	376	348
Unit 8	0.00	146.45	0	0
Total	33.75	959.41		
Paras				
Unit 3	4.75	106.61	243	175
Unit 4	4.75	117.03	240	190
Total	9.50	223.64		
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	0.00	225.46	0	0
Total	0.00	471.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.06	102.71	194	163
Unit 5	4.04	102.82	196	161
Total	8.10	205.53		
Uran				
All Units	7.59	171.52	432	262
Total	7.59	171.52		
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)	1.02	23.54	49	25
Total	1.02	23.54		
Koyna				
Stage 1-2	2.36	71.34	330	40
Stage 4	0.00	27.33	0	0
Stage 3	1.14	33.00	80	0
Total	3.49	131.67		
Hydro				
KDPH	0.69	13.36	36	0
VTRNA	0.35	4.97	59	0
TILLARI	0.47	7.72	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	11.29	80	0
RNGR+BHTSA	0.06	1.93	3	2
BHANDARDRA	0.34	6.38	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	10.57	34	33
GHATGHAR	0.15	20.04	107	0
Total	3.33	76.26		
Wind				
Total	19.78	514.00	0	0
Total	19.78	514.00		
CPP				
APML(Mus)	58.67	1463.49	0	0
JSWEL(Mus)	20.01	495.08	0	0
VIPL(Mus)	10.48	279.82	0	0
RPLAMT(Mus)	0.00	65.21	0	0
WPCL(Mus)	4.34	110.47	0	0
Other(Mus)	2.55	63.09	0	0
Total	96.06	2477.16		
SOLAR				
Total	0.96	22.06	0	0
Total	0.96	22.06		
Tata				
Trombay 5	7.83	181.12	441	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	66.02	115	115
Trombay 7B	1.60	39.11	68	66
Trombay 8	4.92	127.39	241	198
TATA Hydro	3.45	128.22	298	0
Total	20.56	541.86		
R-INFRA				
1-2	9.51	255.10	507	385
Total	9.51	255.10		

* 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	62.27	2443.57
MSPGCL Thml+Gas	69.86	2615.09
MSPGCL Hydro	6.82	207.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	76.68	2823.02
Koyna 1,2 & 4 Total	2.36	98.67
State Total	223.55	6713.65

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Sep/2016

Annexure-2

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	2596	217	274	3087	1055	3742	0	0	3912	4134	-758	11260	0	11260	1933	13193	49.98
2	2574	383	264	3221	948	3757	0	0	3089	3599	-656	10869	0	10869	1796	12665	49.98
3	2595	473	266	3334	1031	3745	0	0	3094	3350	-626	10834	0	10834	1708	12542	49.99
4	2576	233	276	3085	918	3746	0	0	3313	3750	-578	10921	0	10921	1658	12579	50.00
5	2554	208	266	3028	785	3753	0	0	3932	3945	-555	10956	0	10956	1637	12593	49.97
6	2544	208	266	3018	809	3837	0	0	4346	4389	-610	11443	0	11443	1692	13135	50.02
7	2546	183	265	2994	738	3933	0	1	4776	4710	-655	11721	0	11721	1741	13462	50.04
8	2579	141	285	3005	538	4144	0	13	4823	5118	-704	12114	0	12114	1814	13928	49.98
9	2549	259	276	3084	439	4240	0	51	4838	5284	-726	12372	0	12372	1922	14294	49.99
10	2560	530	267	3357	492	4207	0	100	4850	5335	-888	12603	0	12603	2119	14722	50.02
11	2535	471	277	3283	491	4188	0	128	4853	4943	-870	12163	0	12163	2195	14358	50.01
12	2531	392	280	3203	510	3990	0	156	4749	4975	-832	12002	0	12002	2195	14197	49.98
13	2548	362	264	3174	615	3851	0	127	4397	4677	-857	11587	0	11587	2196	13783	49.98
14	2587	256	285	3128	677	3828	0	135	4273	4422	-801	11389	0	11389	2131	13520	49.99
15	2611	206	262	3079	829	3810	0	96	4117	4384	-826	11372	0	11372	2081	13453	50.02
16	2598	216	291	3105	1013	3829	0	90	3934	4145	-788	11394	0	11394	2043	13437	49.99
17	2593	170	301	3064	970	3844	0	44	3959	4190	-712	11400	0	11400	2024	13424	49.97
18	2576	416	377	3369	981	3823	0	15	4031	4408	-768	11828	0	11828	2031	13859	49.97
19	2757	406	423	3586	963	4186	0	0	4751	5121	-744	13112	0	13112	2203	15315	49.94
20	2881	476	431	3788	984	4522	0	0	4765	4890	-669	13515	0	13515	2287	15802	50.01
21	2775	344	415	3534	1042	4505	0	0	4695	4698	-739	13040	0	13040	2269	15309	49.97
22	2619	90	432	3141	1039	4365	0	0	4746	4921	-913	12553	0	12553	2238	14791	49.99
23	2520	95	424	3039	944	4238	0	0	4304	4538	-928	11831	0	11831	2199	14030	49.97
24	2468	90	421	2979	966	3969	0	0	4009	4171	-911	11174	0	11174	2075	13249	49.99
MUs	62.27	6.82	7.59	76.69	19.78	96.06	0.00	0.96	102.56	108.10	-18.11	283.46	0.00	283.46	48.19	331.64	49.99

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 25/Sep/2016

Position as on 6.30 Hrs of 26/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 25/Sep/2016

Position as on 6.30 Hrs of 26/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		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 6	108	25/09/2016	14.54	25/09/2016	16.06	Boiler problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 26/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		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/09/2016	13.08		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/09/2016	23.56	25/09/2016	12.09	T	Over Voltage
Dabhol New koyna I	InterState	25/09/2016	09.30	25/09/2016	19.16	PO	String replacement work.
Ektuni-Bableshwar 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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/09/2016	00.09	25/09/2016	09.38	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
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 kudus bay ektuni CKT-2 will remain off during this outage period.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	25/09/2016	05.21	25/09/2016	22.53	T	OLTC Buccloze Tripped.
400/220 KV 315MVA ICT II @ Parli	IntraState	25/09/2016	21.07	26/09/2016	06.49	T	Bucchoz 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
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Deepnagar Bambhori	IntraState	22/09/2016	14.07		Continued.	T	Distance Protection
Kalwa - Borivali	IntraState	24/09/2016	17.00	25/09/2016	20.26	PO	Construction work.
Chakan-Mahindra Vehicle	IntraState	25/09/2016	08.07	25/09/2016	19.03	PO	Construction work.
Mahindra Vehicle-Bridgestone	IntraState	25/09/2016	08.07	25/09/2016	19.07	PO	Construction work.
Bhira Dharavi 7	IntraState	25/09/2016	08.41	25/09/2016	15.03	PO	To attend Hot Spot
Trombay - Mulund	IntraState	25/09/2016	09.05	25/09/2016	20.58	PO	Testing Work
Kalwa-TIFIL	IntraState	25/09/2016	10.52	25/09/2016	14.01	PO	To attend Hot Spot
Bhugaon- Wardha	IntraState	25/09/2016	12.27	25/09/2016	13.21	T	Tripped only from wardha PG end.
Bhira Dharavi 8	IntraState	25/09/2016	16.25	25/09/2016	18.47	PO	Routine Maintenance Work
Eklahare (Gcr) - Ghatghar	IntraState	25/09/2016	19.20	25/09/2016	19.28	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)
220/132 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.

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 25/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 26/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.