

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Nov/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.417	636.062	1) Gujrat	-0.270	11.602
2) Hydro	12.884	60.132	2) Madhya Pradesh	9.303	51.373
3) Gas	10.900	50.913	3) Chattisgarh	6.910	34.760
Total MSPGCL	153.201	747.107	4) Maharashtra Net	105.738	486.227
B) 1) APML	61.413	315.379	5) Goa (Amona)	-0.778	-4.042
2) JSWEL	23.071	109.331	Total	120.903	579.920
3) VIPL	12.316	43.397	a) Mumbai Schedule	16.783	77.689
4) RPL(AMT)	11.387	16.203	b) Mumbai Drawl	19.395	102.690
5) WPCL	4.133	17.514	c) MSEDCL Bilateral *	27.680	131.877
6) PGPL	0.000	0.000	Include PX	-0.557	-7.685
7) Other IPP	3.839	19.442	d) Mumbai Bilateral *	16.783	77.689
C) 1) TPCL Thermal	15.183	74.375	Include PX	0.273	11.437
2) TPCL Hydro	3.427	20.959	Include Standby	0.000	0.000
3) TPCL Gas	4.435	22.085	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.799	52.590	1) MSEDCL	374.464	1780.171
D) STATE			2) Mumbai Discoms	53.239	272.698
1) Thermal	271.558	1284.293	TOTAL STATE	427.703	2052.869
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	16.311	81.091			
3) Gas (A3+B6+C3)	15.335	72.998			
4) Wind	2.393	28.344			
6) SOLAR	1.203	6.224			
TOTAL STATE	306.800	1472.950			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5782	5929	5986	4511
MSPGCL Hydro	1083	1388	1891	107
MSPGCL Gas	465	442	443	467
MSPGCL Total Generation	7330	7759	8320	5085
Central Sector Receipt	6025	5088	5028	3887
WIND	103	142	156	51
CPP / IPP Thermal	5027	5133	5110	4297
CPP / IPP Gas	0	0	0	0
SOLAR	124	7	0	0
Exchange with Mumbai	-833	-833	-967	-540
MSEDCL DEMAND MET	17776	17296	17647	12780
Load Shedding	45	18	18	25
MSEDCL DEMAND	17821	17314	17665	12805
TPCL GENERATION	1097	1155	1168	698
R-INFRA GENERATION	506	509	508	386
MUMBAI DEMAND	2436	2497	2643	1624
STATE DEMAND MET	20212	19793	20290	14404
STATE DEMAND	20257	19811	20308	14429
Frequency (Hz)	49.97	49.95	50.00	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.04 Hrs	49.79 Hz at 07.18 Hrs	49.96	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 05/Nov/2016

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	3.28	9.96	155	115
Unit 8	11.53	42.58	640	0
Total	14.81	52.55		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.04	53.46	510	375
Unit 5	11.12	53.06	510	360
Total	22.16	106.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	17.40	0	0
Unit 7	5.02	23.00	227	191
Total	5.02	40.40		
Chandrapur				
Unit 3	4.57	22.43	203	165
Unit 4	4.39	21.97	197	166
Unit 5	9.87	41.08	440	365
Unit 6	10.04	50.45	470	360
Unit 7	9.49	47.20	424	354
Unit 8	9.19	49.60	500	319
Total	47.55	232.74		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.45	27.13	250	190
Total	5.45	27.13		
Khaparkheda				
Unit 1	2.70	18.44	185	0
Unit 2	4.21	21.06	190	160
Unit 3	4.49	22.15	201	160
Unit 4	3.21	13.18	191	0
Unit 5	11.09	54.16	500	375
Total	25.71	128.99		
Nasik				
Unit 3	4.30	21.47	200	160
Unit 4	0.00	10.62	0	0
Unit 5	4.42	10.93	203	164
Total	8.72	43.02		
Uran				
All Units	10.90	50.91	475	433
Total	10.90	50.91		
PGPL				
Unit 1	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.98	5.03	55	11
Total	0.98	5.03		
Koyna				
Stage 1-2	2.82	18.53	470	40
Stage 4	4.93	18.46	1009	0
Stage 3	1.74	7.86	240	0
Total	9.48	44.85		
Hydro				
KDPH	0.88	3.99	37	36
VTRNA	0.00	0.00	0	0
TILLARI	0.37	1.86	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.90	80	0
RNGR+BHTSA	0.39	1.95	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	1.51	22	10
GHATGHAR	1.20	5.07	250	0
Total	3.40	15.28		
Wind				
Total	2.39	28.34	0	0
Total	2.39	28.34		
CPP				
APML(Mus)	61.41	315.38	0	0
JSWEL(Mus)	23.07	109.33	0	0
VIPL(Mus)	12.32	43.40	0	0
RPLAMT(Mus)	11.39	16.20	0	0
WPCL(Mus)	4.13	17.51	0	0
Other(Mus)	3.84	19.44	0	0
Total	116.16	521.27		
SOLAR				
Total	1.20	6.22	0	0
Total	1.20	6.22		
Tata				
Trombay 5	9.79	47.90	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	14.05	120	114
Trombay 7B	1.61	8.03	69	65
Trombay 8	5.40	26.48	247	199
TATA Hydro	3.43	20.96	254	16
Total	23.04	117.42		
R-INFRA				
1-2	10.80	52.59	509	386
Total	10.80	52.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	0.00	MSPGCL Thermal	129.42	636.06	MSPGCL Total	153.20	747.11
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	140.32	686.98	Koyna 1,2 & 4 Total	7.74	36.99
Koradi 10	0.00	0.00	MSPGCL Hydro	12.88	60.13	State Total	306.80	1472.95
Parli 8	0.00	4.72						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Nov/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	4503	108	473	5084	70	4356	0	0	4104	4068	-847	12731	0	12731	1928	14659	49.96
2	4524	108	464	5096	77	4296	0	0	3931	3890	-717	12642	0	12642	1803	14445	49.94
3	4519	112	475	5106	74	4297	0	0	3909	4021	-600	12898	25	12923	1684	14607	49.97
4	4511	107	467	5085	51	4297	0	0	3891	3887	-540	12780	25	12805	1624	14429	49.95
5	4485	102	464	5051	64	4321	0	0	4098	4351	-533	13254	25	13279	1619	14898	49.96
6	4620	112	460	5192	88	4466	0	0	4653	4712	-563	13895	30	13925	1681	15606	49.95
7	5314	107	474	5895	131	4757	0	0	5215	4608	-647	14744	34	14778	1748	16526	49.95
8	5487	113	466	6066	144	4828	0	25	5426	5599	-623	16039	51	16090	1884	17974	49.89
9	5780	238	461	6479	102	5057	0	78	5479	5847	-510	17053	34	17087	2049	19136	49.94
10	5782	1083	465	7330	103	5027	0	124	5474	6025	-833	17776	45	17821	2436	20257	49.97
11	5819	762	441	7022	97	4995	0	146	5494	5945	-910	17295	28	17323	2591	19914	49.95
12	5827	584	437	6848	70	4999	0	190	5545	5875	-993	16989	28	17017	2662	19679	49.97
13	5799	403	435	6637	49	5084	0	186	5530	5720	-964	16712	20	16732	2624	19356	49.96
14	5822	253	433	6508	56	5085	0	169	5520	5885	-896	16807	9	16816	2537	19353	50.00
15	5830	624	442	6896	52	5078	0	142	5518	5645	-885	16928	17	16945	2544	19489	49.97
16	5807	633	442	6882	65	5117	0	90	5515	5493	-871	16776	15	16791	2546	19337	49.93
17	5819	1203	439	7461	97	5125	0	46	5351	5111	-840	17000	26	17026	2525	19551	49.97
18	5929	1388	442	7759	142	5133	0	7	5309	5088	-833	17296	18	17314	2497	19811	49.95
19	5986	1891	443	8320	156	5110	0	0	5419	5028	-967	17647	18	17665	2643	20308	50.00
20	6051	1520	450	8021	157	5145	0	0	5393	5129	-926	17526	0	17526	2588	20114	49.98
21	5810	594	459	6863	157	5079	0	0	5344	5249	-883	16465	0	16465	2471	18936	49.97
22	5685	370	443	6498	140	4846	0	0	5235	5123	-999	15608	0	15608	2328	17936	49.99
23	5152	188	468	5808	129	4822	0	0	5039	4558	-1029	14288	0	14288	2154	16442	49.97
24	4556	281	457	5294	122	4840	0	0	4397	4046	-986	13316	0	13316	2073	15389	49.98
MUs	129.42	12.88	10.90	153.20	2.39	116.16	0.00	1.20	120.79	120.90	-19.39	374.46	0.45	374.91	53.24	428.15	49.96

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 05/Nov/2016

Position as on 6.30 Hrs of 06/Nov/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	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
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 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14:55		Continued.	Water Shortage	
IPP	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	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	
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	
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.	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
MSPGCL	Chandrapur Unit 9	500	24/10/2016	21.37		Continued.	Bearing vibration high	
MSPGCL	Koradi Unit 9	660	29/10/2016	23.37		Continued.	Generator Seal Oil Leakage	
MSPGCL	Parli Unit 8	250	02/11/2016	22.13	06/11/2016	01.00	Air heater problem	
MSPGCL	Khaparkheda Unit 4	210	03/11/2016	08.48	05/11/2016	05.19	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	03/11/2016	13.00		Continued.	Interchange With Unit-5	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Nov/2016

Position as on 6.30 Hrs of 06/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 6	250	04/11/2016	16.43		Continued.	Boiler Feed Pump Problem.	
MSPGCL	Khaparkheda Unit 1	210	04/11/2016	21.03	05/11/2016	07.58	Stator Earth Fault	
MSPGCL	Koradi Unit-8	660	05/11/2016	22.28	06/11/2016	00.36	High Metal Temperature.	
MSPGCL	Parli Unit 8	250	06/11/2016	08.44	06/11/2016	18.36	vaccum problem.	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	06/11/2016	20.16	06/11/2016	00.36	Coal mill problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 06/Nov/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	04/11/2016	19.49	05/11/2016	06.32	HT	Over Voltage
Wardha (Pg) Warora I	InterState	05/11/2016	12.38	05/11/2016	15.30	EO	Emergency tree cutting.
Chakan Talegaon(Pg)	InterState	05/11/2016	13.50	05/11/2016	13.58	T	Direct Trip Command Send.
Dhule Sar'Sarovar I	InterState	05/11/2016	19.45	06/11/2016	10.46	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/11/2016	17.25		Continued.	HT	H/T code364
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Girwali- Lonikand 2	IntraState	04/11/2016	11.30	05/11/2016	00.04	PO	Attend Heavy CVT Oil Leakge
karad -kolhapur-II	IntraState	04/11/2016	23.57	05/11/2016	08.24	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/11/2016	23.01		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	06/11/2016	11.20	06/11/2016	12.11	PO	Attending Hot Spot
Parly(MS)- Nanded	IntraState	06/11/2016	11.21	06/11/2016	16.42	PO	Quarterly Maintainance Work
Lonikand I - Koyna stage-IV	IntraState	06/11/2016	23.44		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	06/11/2016	23.47		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 kV 167 MVA Spare ICT @Deepnagar	IntraState	05/11/2016	09.26	05/11/2016	15.40	PO	Testing Work
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	05/11/2016	21.04	06/11/2016	01.03	PO	Attend Hot Spot Y Phase LV Side CB Problem.
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	06/11/2016	18.33	06/11/2016	18.36	PO	Switch problem.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end) (QM work done from 13:05Hrs to 17:23Hrs on 5/10/2016)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Bus B at Padgha	InterState	06/11/2016	11.56	06/11/2016	16.36	PO	Attending Hot Spot
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.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
Nanded-Ghatodi	IntraState	03/11/2016	18.07	06/11/2016	00.23	HT	H/T to controlwardha -ytml L/L
Pirangut - Hinjawadi 2	IntraState	05/11/2016	09.12	05/11/2016	17.32	PO	Tree trimming work.
Padghe - Wada	IntraState	05/11/2016	11.03	05/11/2016	18.16	PO	Testing Work
Pusad-Ghatodi	IntraState	06/11/2016	00.09	06/11/2016	02.43	HT	H/T in view of outage on wardha yeotmal ckt.
Nanded-Ghatodi	IntraState	06/11/2016	02.40		Continued.	PO	TO CONTROL WARDHA YEOTMAL L/L
Padgha - Temghar I	IntraState	06/11/2016	08.58	06/11/2016	19.30	HT	Bus outages.
Padgha-Temghar-II	IntraState	06/11/2016	08.58	06/11/2016	19.30	T	Bus outages.
Kalwa - Mulund 1	IntraState	06/11/2016	10.56		Continued.	PO	Conductor Replacement.

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 05/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 06/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa-Salsette-VI	IntraState	06/11/2016	13.35	06/11/2016	17.52	PO	Attending Hot Spot
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)
220/100 Kv 200 MVA ICT I @Apta	IntraState	03/11/2016	11.20	05/11/2016	15.10	PO	R&M Work.
Borivli : 220 / 110 / 22 250 MVA ICT 1	IntraState	06/11/2016	06.25		Continued.	PO	Measurment of Tan Delta and SFRA of ICT
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	06/11/2016	06.25	06/11/2016	18.35	PO	Diagonostic Testing.
132 KV LINE Outages/Trippings							
Jalna220- Jalna Midc	IntraState	05/11/2016	03.32	05/11/2016	19.20	T	B P H ct Brust.

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