

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Nov/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.293	506.645	1) Gujrat	2.009	11.872
2) Hydro	13.584	47.248	2) Madhya Pradesh	10.389	42.070
3) Gas	10.894	40.013	3) Chattisgarh	6.990	27.850
Total MSPGCL	148.771	593.906	4) Maharashtra Net	107.051	380.489
B) 1) APML	64.318	253.966	5) Goa (Amona)	-0.798	-3.264
2) JSWEL	22.968	86.260	Total	125.641	459.017
3) VIPL	12.006	31.081	a) Mumbai Schedule	17.109	60.906
4) RPL(AMT)	4.816	4.816	b) Mumbai Drawl	20.791	83.295
5) WPCL	3.957	13.381	c) MSEDCL Bilateral *	24.333	104.198
6) PGPL	0.000	0.000	Include PX	-3.430	-7.128
7) Other IPP	4.124	15.603	d) Mumbai Bilateral *	17.109	60.906
C) 1) TPCL Thermal	14.797	59.192	Include PX	0.848	11.164
2) TPCL Hydro	4.893	17.532	Include Standby	0.000	0.000
3) TPCL Gas	4.434	17.650	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.482	41.791	1) MSEDCL	369.437	1405.707
D) STATE			2) Mumbai Discoms	55.397	219.459
1) Thermal	261.761	1012.735	TOTAL STATE	424.834	1625.166
(A1+C1+C4+(B1-B6))					
2) Hydro	18.477	64.780			
(A2+C2)					
3) Gas	15.328	57.663			
(A3+B6+C3)					
4) Wind	2.394	25.951			
6) SOLAR	1.233	5.021			
TOTAL STATE	299.193	1166.150			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5633	5551	5162	4797
MSPGCL Hydro	1128	613	1618	366
MSPGCL Gas	445	424	446	469
MSPGCL Total Generation	7206	6588	7226	5632
Central Sector Receipt	5735	5832	5827	3540
WIND	40	72	82	237
CPP / IPP Thermal	4792	4928	5165	4101
CPP / IPP Gas	0	0	0	0
SOLAR	168	171	0	0
Exchange with Mumbai	-934	-930	-843	-700
MSEDCL DEMAND MET	17007	16661	17457	12810
Load Shedding	0	0	0	0
MSEDCL DEMAND	17007	16661	17457	12810
TPCL GENERATION	1327	1249	1349	695
R-INFRA GENERATION	509	513	509	386
MUMBAI DEMAND	2770	2692	2701	1781
STATE DEMAND MET	19777	19353	20158	14591
STATE DEMAND	19777	19353	20158	14591
Frequency (Hz)	49.96	50.00	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.01 Hrs	49.71 Hz at 15.49 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 04/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	3.62	6.69	165	123
Unit 8	7.63	31.05	391	280
Total	11.26	37.74		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.96	42.42	510	365
Unit 5	10.71	41.94	500	370
Total	21.67	84.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.12	17.40	200	0
Unit 7	5.12	17.98	234	191
Total	8.23	35.38		
Chandrapur				
Unit 3	4.47	17.86	202	165
Unit 4	4.37	17.58	192	164
Unit 5	10.06	31.22	460	360
Unit 6	10.17	40.41	470	360
Unit 7	9.56	37.71	432	362
Unit 8	7.62	40.41	383	234
Total	46.25	185.19		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.50	21.68	250	195
Total	5.50	21.68		
Khaparkheda				
Unit 1	3.18	15.73	190	0
Unit 2	4.23	16.85	195	155
Unit 3	4.43	17.66	200	161
Unit 4	0.00	9.97	0	0
Unit 5	10.93	43.07	500	365
Total	22.77	103.28		
Nasik				
Unit 3	4.30	17.16	200	160
Unit 4	0.00	10.62	0	0
Unit 5	4.31	6.51	200	164
Total	8.61	34.30		
Uran				
All Units	10.89	40.01	480	424
Total	10.89	40.01		
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)	1.07	4.05	52	28
Total	1.07	4.05		
Koyna				
Stage 1-2	2.82	15.72	360	40
Stage 4	5.54	13.54	712	0
Stage 3	1.75	6.12	240	0
Total	10.12	35.37		
Hydro				
KDPH	0.88	3.11	37	36
VTRNA	0.00	0.00	0	0
TILLARI	0.37	1.48	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	0.64	80	0
RNGR+BHTSA	0.39	1.57	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	1.20	23	9
GHATGHAR	1.20	3.88	250	0
Total	3.46	11.88		
Wind				
Total	2.39	25.95	0	0
Total	2.39	25.95		
CPP				
APML(Mus)	64.32	253.97	0	0
JSWEL(Mus)	22.97	86.26	0	0
VIPL(Mus)	12.01	31.08	0	0
RPLAMT(Mus)	4.82	4.82	0	0
WPCL(Mus)	3.96	13.38	0	0
Other(Mus)	4.12	15.60	0	0
Total	112.19	405.11		
SOLAR				
Total	1.23	5.02	0	0
Total	1.23	5.02		
Tata				
Trombay 5	9.51	38.11	496	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	11.23	120	114
Trombay 7B	1.61	6.42	68	65
Trombay 8	5.29	21.08	247	200
TATA Hydro	4.89	17.53	425	5
Total	24.12	94.37		
R-INFRA				
1-2	10.48	41.79	513	386
Total	10.48	41.79		

* 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	124.29	506.64	MSPGCL Total	148.77	593.91
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	135.19	546.66	Koyna 1,2 & 4 Total	8.37	29.25
Koradi 10	0.00	0.00	MSPGCL Hydro	13.58	47.25	State Total	299.19	1166.15
Parli 8	0.00	4.72						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4780	211	459	5450	241	4009	0	0	3821	3981	-886	12795	0	12795	1977	14772	49.95
2	4797	366	469	5632	237	4101	0	0	3546	3540	-700	12810	0	12810	1781	14591	49.95
3	4773	111	460	5344	212	4278	0	0	3789	3722	-634	12922	0	12922	1715	14637	49.98
4	4778	112	470	5360	187	4386	0	0	3894	3748	-568	13113	0	13113	1652	14765	49.97
5	4787	112	469	5368	160	4294	0	0	4032	3943	-560	13205	0	13205	1640	14845	50.00
6	4878	107	479	5464	126	4292	0	0	4739	4780	-636	14026	0	14026	1719	15745	49.99
7	5442	107	478	6027	114	4466	0	1	5354	5018	-688	14938	0	14938	1786	16724	49.96
8	5628	273	480	6381	110	4507	0	26	5644	5645	-687	15982	0	15982	1995	17977	49.90
9	5655	877	462	6994	73	4577	0	83	5750	5895	-716	16906	0	16906	2197	19103	49.95
10	5641	1178	453	7272	59	4689	0	131	5666	5810	-869	17092	0	17092	2617	19709	49.94
11	5633	1128	445	7206	40	4792	0	168	5768	5735	-934	17007	0	17007	2770	19777	49.96
12	5580	710	437	6727	41	4894	0	179	5823	5571	-1010	16402	0	16402	2820	19222	49.98
13	5539	623	427	6589	51	4935	0	179	5785	5658	-981	16431	0	16431	2774	19205	49.96
14	5551	613	424	6588	72	4928	0	171	5756	5832	-930	16661	0	16661	2692	19353	50.00
15	5473	653	433	6559	65	4860	0	143	5771	5552	-1059	16120	0	16120	2687	18807	49.96
16	5486	729	430	6645	81	4734	0	98	5774	5648	-1173	16033	0	16033	2671	18704	49.91
17	5335	768	435	6538	75	4865	0	48	5722	5779	-1093	16212	0	16212	2657	18869	49.89
18	5381	818	441	6640	87	5088	0	6	5706	5487	-831	16477	0	16477	2641	19118	49.92
19	5162	1618	446	7226	82	5165	0	0	5744	5827	-843	17457	0	17457	2701	20158	49.97
20	5191	1387	437	7015	57	5139	0	0	5768	5656	-885	16982	0	16982	2678	19660	49.97
21	5162	660	464	6286	53	5164	0	0	5718	5933	-833	16603	0	16603	2517	19120	49.95
22	4729	205	456	5390	52	5020	0	0	5630	5944	-1125	15281	0	15281	2383	17664	49.98
23	4449	109	466	5024	55	4636	0	0	5389	5761	-1137	14339	0	14339	2228	16567	49.97
24	4463	109	474	5046	64	4370	0	0	4260	5176	-1013	13643	0	13643	2099	15742	49.98
MUs	124.29	13.58	10.89	148.77	2.39	112.19	0.00	1.23	124.85	125.64	-20.79	369.44	0.00	369.44	55.40	424.83	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 04/Nov/2016

Position as on 6.30 Hrs of 05/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	
IPP	RPL(AMT) U-1	270	29/10/2016	22.00	04/11/2016	09.11	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	29/10/2016	23.00	04/11/2016	15.16	Zero Schedule By MSEDCL	
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		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Nov/2016

Position as on 6.30 Hrs of 05/Nov/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
MSPGCL	Parli Unit 6	250	04/11/2016	16.43		Continued.	Boiler Feed Pump Problem.	
MSPGCL	Khaparkheda Unit 1	210	04/11/2016	18.08	04/11/2016	21.00	Flame Failure	
MSPGCL	Khaparkheda Unit 1	210	04/11/2016	21.03		Continued.	Stator Earth Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 05/Nov/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	04/11/2016	21.13	04/11/2016	21.35	PO	Replacement Of Card
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	04/11/2016	19.49	05/11/2016	06.32	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	PO	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-I	IntraState	30/10/2016	02.09	04/11/2016	10.39	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/11/2016	22.34	04/11/2016	11.12	HT	Over Voltage
Solapur - Parli(PG) II	IntraState	04/11/2016	10.21	04/11/2016	14.09	PO	Heavy Oil Leakage
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	03/11/2016	21.32	04/11/2016	00.45	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) (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)
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.
Temghar - Kalwa	IntraState	04/11/2016	09.19	04/11/2016	12.50	PO	CB Maintenance Work.
Mahape - TIFIL	IntraState	04/11/2016	09.20	04/11/2016	11.40	PO	IR Testing Of LA
Wada - Bhavengar	IntraState	04/11/2016	09.20	04/11/2016	13.11	PO	Testing Work
Parli 2-(Girwali) -Murud	IntraState	04/11/2016	11.05	04/11/2016	16.43	PO	Attending Hot Spot
Bhira Dharavi 7	IntraState	04/11/2016	16.19	04/11/2016	16.50	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)
220/100 Kv 200 MVA ICT I @Apta	IntraState	03/11/2016	11.20		Continued.	PO	R&M Work.
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	04/11/2016	05.55	04/11/2016	18.25	PO	Testing & RM Work
220/22 Kv 50 Mva Bb Ptr 2 @Kalwa	IntraState	04/11/2016	12.52	04/11/2016	16.35	HT	H/T For Discom Work.
220/132 kV 200 Mva ICT-II @Boisar -Ii	IntraState	04/11/2016	16.46	04/11/2016	17.05	PO	HV Shifted On TBC.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	04/11/2016	14.00	04/11/2016	17.50	PO	Attend D C Leakage.

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