

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Nov/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.897	4028.351	1) Gujrat	-1.513	-9.202
2) Hydro	20.445	465.829	2) Madhya Pradesh	7.534	258.482
3) Gas	7.782	303.157	3) Chattisgarh	7.960	204.220
Total MSPGCL	175.124	4797.337	4) Maharashtra Net	106.761	2977.520
B) 1) APLM	51.649	1613.398	5) Goa (Amona)	-0.596	-21.284
2) JSWEL	15.306	578.001	Total	120.146	3409.736
3) VIPL	12.505	332.938	a) Mumbai Schedule	17.915	503.559
4) RPL(AMT)	0.000	228.754	b) Mumbai Drawl	19.757	620.860
5) WPCL	3.965	122.140	c) MSEDCL Bilateral *	20.930	759.827
6) PGPL	0.000	16.149	Include PX	0.000	-18.480
7) Other IPP	8.988	214.829	d) Mumbai Bilateral *	17.915	503.559
C) 1) TPCL Thermal	15.338	424.930	Include PX	1.896	44.819
2) TPCL Hydro	4.249	118.344	Include Standby	0.000	0.000
3) TPCL Gas	4.433	125.261	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.878	305.078	1) MSEDCL	372.578	10893.243
D) STATE			2) Mumbai Discoms	54.655	1594.472
1) Thermal	265.526	7848.419	TOTAL STATE	427.233	12487.715
(A1+C1+C4+(B1-B6))					
2) Hydro	24.694	584.173			
(A2+C2)					
3) Gas	12.215	444.567			
(A3+B6+C3)					
4) Wind	3.434	164.070			
6) SOLAR	1.218	36.751			
TOTAL STATE	307.087	9077.980			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6272	6322	6338	5876
MSPGCL Hydro	1637	1645	1329	119
MSPGCL Gas	307	293	303	319
MSPGCL Total Generation	8216	8260	7970	6314
Central Sector Receipt	5740	5292	5784	3245
WIND	101	73	89	258
CPP / IPP Thermal	4086	4121	4078	3415
CPP / IPP Gas	0	0	0	0
SOLAR	161	4	0	0
Exchange with Mumbai	-964	-828	-947	-454
MSEDCL DEMAND MET	17340	16922	16974	12778
Load Shedding	0	0	0	0
MSEDCL DEMAND	17340	16922	16974	12778
TPCL GENERATION	1325	1345	1290	698
R-INFRA GENERATION	500	506	505	386
MUMBAI DEMAND	2789	2679	2742	1538
STATE DEMAND MET	20129	19601	19716	14316
STATE DEMAND	20129	19601	19716	14316
Frequency (Hz)	49.88	49.76	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06:01 Hrs	49.5 Hz at 17:43 Hrs	49.91	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 30/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	0.00	54.21	0	0
Unit 8	12.40	303.52	544	485
Total	12.40	357.73		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.10	276.79	510	355
Unit 5	8.98	305.68	460	350
Total	18.08	582.48		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.65	114.14	217	184
Unit 7	4.64	126.43	212	180
Total	9.29	240.57		
Chandrapur				
Unit 3	4.39	133.35	200	166
Unit 4	4.33	132.37	191	167
Unit 5	9.72	234.30	455	351
Unit 6	9.90	293.15	460	364
Unit 7	9.25	266.76	430	339
Unit 8	10.34	296.38	500	360
Total	47.92	1356.31		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.31	150.20	250	190
Total	5.31	150.20		
Khaparkheda				
Unit 1	3.92	114.12	190	150
Unit 2	3.98	124.30	195	160
Unit 3	3.95	120.44	200	160
Unit 4	3.92	109.30	181	156
Unit 5	10.72	310.58	505	380
Total	26.49	778.73		
Nasik				
Unit 3	4.03	125.04	190	165
Unit 4	4.04	80.75	184	161
Unit 5	0.00	40.10	0	0
Total	8.07	245.89		
Uran				
All Units	7.78	303.16	453	287
Total	7.78	303.16		
PGPL				
Unit 1	0.00	10.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.00	6.15	0	0
Total	0.00	16.15		
PENCH (MS)				
Pench (MS)	0.14	12.05	50	0
Total	0.14	12.05		
Koyna				
Stage 1-2	6.08	137.90	550	40
Stage 4	7.09	167.56	758	0
Stage 3	2.88	65.21	240	0
Total	16.05	370.66		
Hydro				
KDPH	0.65	16.22	37	18
VTRNA	0.44	2.52	58	0
TILLARI	0.37	11.01	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	5.84	80	0
RNGR+BHTSA	0.38	9.66	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.70	17.23	39	26
GHATGHAR	1.53	32.69	250	0
Total	4.39	95.17		
Wind				
Total	3.43	164.07	0	0
Total	3.43	164.07		
CPP				
APML(Mus)	51.65	1613.40	0	0
JSWEL(Mus)	15.31	578.00	0	0
VIPL(Mus)	12.50	332.94	0	0
RPLAMT(Mus)	0.00	228.75	0	0
WPCL(Mus)	3.96	122.14	0	0
Other(Mus)	8.99	214.83	0	0
Total	92.41	3090.06		
SOLAR				
Total	1.22	36.75	0	0
Total	1.22	36.75		
Tata				
Trombay 5	9.99	266.11	493	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.84	79.05	122	107
Trombay 7B	1.60	46.21	68	63
Trombay 8	5.35	158.82	245	199
TATA Hydro	4.25	118.34	426	6
Total	24.02	668.54		
R-INFRA				
1-2	10.88	305.08	508	386
Total	10.88	305.08		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	8.81	88.23
Koradi 9	9.92	184.69
Koradi 10	0.62	7.61
Parli 8	0.00	35.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	146.90	4028.35
MSPGCL Thml+Gas	154.68	4331.51
MSPGCL Hydro	20.44	465.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	175.12	4797.34
Koyna 1,2 & 4 Total	13.17	305.45
State Total	307.09	9077.98

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 30/Nov/2016

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5813	179	317	6309	265	3424	0	0	3704	3855	-739	13114	0	13114	1812	14926	49.93
2	5871	134	321	6326	236	3417	0	0	3517	3544	-588	12935	0	12935	1672	14607	49.95
3	5893	119	321	6333	249	3418	0	0	3386	3431	-529	12902	0	12902	1613	14515	49.98
4	5876	119	319	6314	258	3415	0	0	3364	3245	-454	12778	0	12778	1538	14316	49.97
5	5865	139	319	6323	284	3402	0	0	3994	3949	-467	13491	0	13491	1551	15042	49.98
6	5740	119	320	6179	271	3420	0	0	4670	4849	-536	14183	0	14183	1626	15809	49.96
7	6376	693	320	7389	281	3789	0	0	5126	4873	-675	15657	0	15657	1843	17500	49.87
8	6765	836	320	7921	246	4081	0	21	5578	5425	-510	17184	0	17184	1950	19134	49.87
9	6620	1086	306	8012	167	4076	0	82	5632	5267	-697	16907	0	16907	2290	19197	49.86
10	6353	1499	312	8164	138	4080	0	129	5675	5855	-816	17550	0	17550	2546	20096	49.92
11	6272	1637	307	8216	101	4086	0	161	5782	5740	-964	17340	0	17340	2789	20129	49.88
12	6265	1383	303	7951	75	4109	0	182	5789	5798	-1045	17070	0	17070	2853	19923	49.83
13	6258	1229	289	7776	64	4099	0	180	5732	5481	-1000	16600	0	16600	2814	19414	49.93
14	6333	1156	291	7780	75	4075	0	175	5754	5680	-1048	16737	0	16737	2694	19431	49.97
15	6306	1100	287	7693	64	4126	0	140	5769	5639	-1016	16646	0	16646	2722	19368	49.91
16	6346	1446	297	8089	61	4130	0	97	5745	5332	-898	16811	0	16811	2733	19544	49.78
17	6340	1591	297	8228	52	4117	0	47	5757	5274	-880	16838	0	16838	2714	19552	49.80
18	6322	1645	293	8260	73	4121	0	4	5743	5292	-828	16922	0	16922	2679	19601	49.76
19	6338	1329	303	7970	89	4078	0	0	5794	5784	-947	16974	0	16974	2742	19716	49.95
20	5954	730	314	6998	73	4003	0	0	5798	5567	-836	15805	0	15805	2608	18413	49.93
21	5753	757	351	6861	73	3895	0	0	5549	5560	-1059	15330	0	15330	2368	17698	49.95
22	5743	1003	371	7117	55	3793	0	0	5435	5254	-1164	15055	0	15055	2258	17313	49.98
23	5740	342	451	6533	71	3763	0	0	5261	5019	-1093	14293	0	14293	2181	16474	49.95
24	5755	174	453	6382	113	3492	0	0	4353	4433	-968	13452	0	13452	2059	15511	49.98
MUs	146.90	20.45	7.78	175.12	3.43	92.41	0.00	1.22	122.91	120.15	-19.76	372.58	0.00	372.58	54.66	427.23	49.91

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 30/Nov/2016

Position as on 6.30 Hrs of 01/Dec/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
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	
RGPPL	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 Shedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
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	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/11/2016	19.20		Continued.	Economizer Tube Leakage (continued under zero shedule).	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero shedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Shedule.	
MSPGCL	Koradi Unit 7	210	18/11/2016	01.17		Continued.	Zero Shedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	For COD Confirmation.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Nov/2016

Position as on 6.30 Hrs of 01/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U1	262	23/11/2016	19.30		Continued.	No schedule.	
PGPL	PGPL U2	126	23/11/2016	19.33		Continued.	No schedule.	
MSPGCL	Uran Unit 5	108	28/11/2016	00.25	30/11/2016	19.07	Boiler Leakage	
MSPGCL	Koradi Unit 10	660	30/11/2016	05.05		Continued.	Loss of fuel	
MSPGCL	Bhusawal Unit 4	500	01/12/2016	05.31		Continued.	Electrical Protection Operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Nov/2016

Statement-VII

Position as on 6.30 Hrs of 01/Dec/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 I	InterState	29/11/2016	19.17	30/11/2016	07.26	HT	Over Voltage
Dabhol Nagothane II	InterState	30/11/2016	09.42	30/11/2016	19.24	EO	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	30/11/2016	20.04		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
Padghe - Kalwa- I	IntraState	21/11/2016	12.50	30/11/2016	13.24	PO	Outage up to 29.11.2016 for construction work.
Karad - Jaigad - II	IntraState	29/11/2016	19.57	30/11/2016	09.33	HT	Over Voltage
karad -kolhapur-I	IntraState	29/11/2016	20.09	30/11/2016	11.13	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	30/11/2016	09.54	30/11/2016	15.39	PO	Quarterly Maintainance Work
Koradi-Khaperkheda I	IntraState	30/11/2016	10.42	30/11/2016	17.59	PO	Testing Work
koaradi II - Wardha(PG)	IntraState	30/11/2016	12.58	30/11/2016	18.00	PO	Attending Hot Spot
Akola II - Akola I Ckt-I	IntraState	30/11/2016	15.57	30/11/2016	18.23	PO	Testing Work
N.Koyna-Karad -Ckt II	IntraState	30/11/2016	20.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/11/2016	20.04		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
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.
Nashik-Airoli Knowledge Park	IntraState	14/11/2016	18.45	30/11/2016	05.49	PO	Diverting 100kv padghe-sahapur line THR nasik-know park line.
Butibori-Inox	IntraState	30/11/2016	10.06	30/11/2016	17.36	PO	Isolator Maint.& Relay Testing Work.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	30/11/2016	10.34	30/11/2016	14.41	PO	Replace Flashover R Ph String.
Osmanabad - Solapur (Bale)	IntraState	30/11/2016	10.42	30/11/2016	18.22	PO	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)
132 KV LINE Outages/Trippings							
Paranda - Bhairavnath Cogeneration	IntraState	30/11/2016	18.22	30/11/2016	19.40	T	R Ph CC Burst.

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