

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 30/Jan/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.121	3635.040	1) Gujrat	-0.145	15.250
2) Hydro	8.683	302.724	2) Madhya Pradesh	14.706	431.613
3) Gas	9.949	282.546	3) Chattisgarh	6.150	197.760
Total MSPGCL	140.753	4220.310	4) Maharashtra Net	108.203	3329.341
B) 1) APML	42.064	1370.814	5) Goa (Amona)	-0.836	-21.626
2) JSWEL	18.477	548.373	Total	128.078	3952.338
3) VIPL	8.941	319.235	a) Mumbai Schedule	22.327	717.243
4) RPL(AMT)	23.042	535.118	b) Mumbai Drawl	25.814	789.356
5) WPCL	4.229	122.253	c) MSEDCL Bilateral *	25.311	646.824
6) PGPL	0.000	0.000	Include PX	7.907	108.274
7) Other IPP	12.571	364.903	d) Mumbai Bilateral *	22.327	714.517
C) 1) TPCL Thermal	14.009	237.641	Include PX	7.622	193.634
2) TPCL Hydro	2.638	132.261	Include Standby	0.000	2.726
3) TPCL Gas	3.981	115.245	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.065	191.131	1) MSEDCL	369.546	10902.360
D) STATE			2) Mumbai Discoms	51.507	1465.642
1) Thermal	250.519	7324.508	TOTAL STATE	421.053	12368.002
(A1+C1+C4+(B1-B6))					
2) Hydro	11.321	434.985			
(A2+C2)					
3) Gas	13.930	397.791			
(A3+B6+C3)					
4) Wind	13.435	159.461			
6) SOLAR	3.770	98.911			
TOTAL STATE	292.975	8415.656			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5466	5484	4988	4467
MSPGCL Hydro	741	374	478	142
MSPGCL Gas	421	405	429	373
MSPGCL Total Generation	6628	6263	5895	4982
Central Sector Receipt	6618	6512	5381	4093
WIND	812	744	444	605
CPP / IPP Thermal	4998	4922	4807	3845
CPP / IPP Gas	0	0	0	0
SOLAR	525	552	0	0
Exchange with Mumbai	-1356	-1343	-1382	-604
MSEDCL DEMAND MET	18225	17650	15145	12921
Load Shedding	0	0	0	0
MSEDCL DEMAND	18225	17650	15145	12921
TPCL GENERATION	1092	1074	935	643
R-INFRA GENERATION	252	252	191	192
MUMBAI DEMAND	2700	2669	2508	1439
STATE DEMAND MET	20925	20319	17653	14360
STATE DEMAND	20925	20319	17653	14360
Frequency (Hz)	49.99	50.01	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 13.01 Hrs	49.77 Hz at 22.07 Hrs	49.97	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/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	23.40	0	0
Unit 8	12.18	316.42	560	450
Unit 9	11.87	268.87	567	434
Unit 10	0.06	210.44	46	0
Total	24.11	819.13		
Bhusawal				
Unit 3	0.00	46.65	0	0
Unit 4	10.02	271.49	490	350
Unit 5	10.06	301.66	495	345
Total	20.08	619.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	145.25	250	187
Unit 7	0.00	0.00	0	0
Unit 8	4.88	105.51	225	183
Total	10.16	250.76		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.14	304.75	460	365
Unit 6	0.00	22.82	0	0
Unit 7	10.52	304.01	470	358
Unit 8	0.00	0.00	0	0
Unit 9	11.11	308.97	490	360
Total	31.76	940.54		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	5.63	105.39	260	190
Total	5.63	168.77		
Khaparkheda				
Unit 1	3.82	55.74	165	145
Unit 2	3.85	118.94	165	160
Unit 3	0.00	0.00	0	0
Unit 4	3.87	117.96	163	160
Unit 5	10.78	300.52	490	359
Total	22.32	593.15		
Nasik				
Unit 3	4.10	97.79	195	160
Unit 4	3.96	123.04	172	155
Unit 5	0.00	22.07	0	0
Total	8.05	242.89		
Uran				
All Units	9.95	282.55	468	351
Total	9.95	282.55		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.08	4.28	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	4.28		
Koyna				
Stage 1-2	2.21	83.20	400	40
Stage 4	1.44	66.47	411	0
Stage 3	0.89	33.09	160	0
Total	4.54	182.77		
Hydro				
KDPH	0.86	18.79	37	36
VTRNA	0.93	27.27	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	7.60	77	0
RNGR+BHTSA	0.37	10.21	16	15
BHANDARDRA	0.46	2.86	27	14
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.79	20.65	43	30
GHATGHAR	0.60	28.30	125	0
Total	4.15	119.96		
Wind				
Total	13.44	159.46	0	0
Total	13.44	159.46		
CPP				
APML(Mus)	42.06	1370.81	0	0
JSWEL(Mus)	18.48	548.37	0	0
VIPL(Mus)	8.94	319.24	0	0
RPLAMT(Mus)	23.04	535.12	0	0
WPCL(Mus)	4.23	122.25	0	0
Other(Mus)	12.57	364.90	0	0
Total	109.32	3260.70		
SOLAR				
Total	3.77	98.91	0	0
Total	3.77	98.91		
Tata				
Trombay 5	8.87	133.62	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.45	71.54	114	72
Trombay 7B	1.53	43.70	68	54
Trombay 8	5.14	104.02	245	200
TATA Hydro	2.64	132.26	276	0
Total	20.63	485.15		
R-INFRA				
DTPS U-1&2	5.06	191.13	253	190
Total	5.06	191.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.12	3635.04	MSPGCL Total	140.75	4220.31
			MSPGCL Thml+Gas	132.07	3917.59	Koyna 1,2 & 4 Total	3.65	149.68
			MSPGCL Hydro	8.68	302.72	State Total	292.98	8415.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jan/2018

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	4827	138	351	5316	448	3952	0	0	4592	4315	-779	13252	0	13252	1630	14882	49.97
2	4692	137	359	5188	483	3928	0	0	4510	4038	-669	12968	0	12968	1505	14473	49.99
3	4467	142	373	4982	605	3845	0	0	4615	4093	-604	12921	0	12921	1439	14360	49.99
4	4429	146	363	4938	585	3825	0	0	4609	4221	-558	13011	0	13011	1393	14404	50.00
5	4703	141	382	5226	644	3968	0	0	4650	4240	-559	13519	0	13519	1394	14913	50.00
6	5017	141	420	5578	540	4380	0	0	4904	4718	-694	14522	0	14522	1530	16052	49.97
7	5351	309	447	6107	566	4686	0	2	5236	5389	-728	16022	0	16022	1757	17779	49.93
8	5474	878	468	6820	385	4960	0	45	5652	5800	-722	17288	0	17288	1948	19236	49.96
9	5515	933	446	6894	326	5008	0	176	5776	6176	-878	17702	0	17702	2222	19924	49.99
10	5481	879	435	6795	497	5012	0	346	5943	6167	-1045	17772	0	17772	2483	20255	49.95
11	5499	581	427	6507	705	5025	0	445	6260	6184	-1277	17589	0	17589	2652	20241	49.91
12	5466	741	421	6628	812	4998	0	525	6449	6618	-1356	18225	0	18225	2700	20925	49.99
13	5484	374	405	6263	744	4922	0	552	6488	6512	-1343	17650	0	17650	2669	20319	50.01
14	5480	201	425	6106	701	4917	0	537	6243	6166	-1273	17154	0	17154	2531	19685	50.02
15	5413	274	402	6089	581	4909	0	475	6243	6345	-1372	17027	0	17027	2543	19570	49.92
16	5389	276	401	6066	562	4902	0	365	6251	6245	-1439	16701	0	16701	2557	19258	50.02
17	5389	416	401	6206	552	4904	0	228	5770	5935	-1457	16368	0	16368	2558	18926	49.94
18	5218	244	419	5881	496	5036	0	70	5344	5379	-1408	15454	0	15454	2532	17986	49.90
19	4902	353	425	5680	471	4853	0	4	5423	5469	-1422	15055	0	15055	2539	17594	49.95
20	4988	478	429	5895	444	4807	0	0	5374	5381	-1382	15145	0	15145	2508	17653	49.95
21	4996	268	430	5694	525	4711	0	0	5092	4827	-1440	14317	0	14317	2358	16675	50.00
22	4863	215	442	5520	668	4191	0	0	5056	4614	-1302	13691	0	13691	2191	15882	49.97
23	4570	197	437	5204	577	3911	0	0	4782	4679	-1147	13224	0	13224	2027	15251	49.95
24	4508	221	441	5170	518	3671	0	0	4633	4568	-960	12967	0	12967	1841	14808	49.96
MUs	122.12	8.68	9.95	140.75	13.43	109.32	0.00	3.77	129.89	128.08	-25.81	369.55	0.00	369.55	51.51	421.05	49.97

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/Jan/2018

Position as on 6.30 Hrs of 31/Jan/2018

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.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
MSPGCL	Koyana Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jan/2018

Position as on 6.30 Hrs of 31/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage (not available due to coal shortage w.e.f 28.01.2018)	
MSPGCL	Paras Unit 3	250	21/01/2018	06.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	22/01/2018	09.30	30/01/2018	22.35	Maintenance work	
IPP	Adani U-3	660	23/01/2018	02.14		Continued.	APH-3A Current Hunting & Jamming.	
MSPGCL	Uran Unit B0	120	25/01/2018	16.30	30/01/2018	04.31	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	25/01/2018	23.59		Continued.	poor coal receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 31/Jan/2018

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	29/01/2018	17.53	30/01/2018	07.20	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/01/2018	17.32	31/01/2018	06.42	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	29/01/2018	17.08	30/01/2018	09.27	HT	Over Voltage
karad -kolhapur-II	IntraState	29/01/2018	17.09	30/01/2018	09.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/01/2018	17.52	30/01/2018	06.50	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/01/2018	00.03	30/01/2018	06.52	HT	Over Voltage
karad -kolhapur-I	IntraState	30/01/2018	16.56		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/01/2018	17.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/01/2018	17.30	31/01/2018	06.29	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/01/2018	01.11	31/01/2018	06.26	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	30/01/2018	08.29	30/01/2018	19.23	PO	Attending Oil Leakage
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	30/01/2018	11.35	30/01/2018	18.41	PO	Replacement of y ph ct.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	30/01/2018	22.42	31/01/2018	06.13	PO	isolator Replacement Work.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Maisal-Jath I	InterState	30/01/2018	09.30	30/01/2018	14.56	PO	ct Replacement Work.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Nagothane - Ipcl	IntraState	16/01/2018	11.42		Continued.	PO	Line Bunching Work For Height Rising For Railway Line.
IPCL - SPCL	IntraState	16/01/2018	12.07		Continued.	PO	Line Bunching Work Height Rising For Railway Line.
Kalwa - Taloja	IntraState	23/01/2018	10.28		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Apta - Kalwa	IntraState	23/01/2018	10.59		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Dahanu Ghodbunder Line 1	IntraState	30/01/2018	02.15	30/01/2018	3.55	T	Distance Protection
Dahanu Ghodbunder Line 2	IntraState	30/01/2018	02.15	30/01/2018	03.57	T	Distance Protection
Dahanu Ghodbunder Line 2	IntraState	30/01/2018	04.30	30/01/2018	08.23	T	Distance Protection
Dahanu Ghodbunder Line 1	IntraState	30/01/2018	04.31	30/01/2018	08.21	T	Distance Protection
Talandage - Sawantwadi I	IntraState	30/01/2018	08.56	30/01/2018	18.06	PO	for insulator string cleaning work.
Parly-Parly Extn-I	IntraState	30/01/2018	10.39	30/01/2018	16.55	PO	Attending Oil Leakage
Wani-Warora	IntraState	30/01/2018	11.10	30/01/2018	16.40	PO	Tan Delta Measurment of CTs
Apta - Hoc	IntraState	30/01/2018	11.46	30/01/2018	09.03	PO	Routine Maintenance Work

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 30/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 31/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nerul - Sonkhar	IntraState	30/01/2018	13.27	30/01/2018	13.56	PO	mumbai strengthening work.
Eklahare (Ocr)Nasik - Padghe 2	IntraState	30/01/2018	20.51		Continued.	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-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	30/01/2018	12.22	30/01/2018	17.42	EO	hotspot on y ph and bph ct.
132 KV LINE Outages/Trippings							
Chalisgaon- Kannad	IntraState	29/01/2018	20.20	30/01/2018	08.41	T	Distance Protection