

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Feb/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.903	118.903	1) Gujrat	-0.348	-0.348
2) Hydro	14.348	14.348	2) Madhya Pradesh	15.672	15.672
3) Gas	10.387	10.387	3) Chattisgarh	7.560	7.560
Total MSPGCL	143.638	143.638	4) Maharashtra Net	114.786	114.786
B) 1) APML	41.657	41.657	5) Goa (Amona)	-0.726	-0.726
2) JSWEL	17.309	17.309	Total	136.944	136.944
3) VIPL	5.115	5.115	a) Mumbai Schedule	24.682	24.682
4) RPL(AMT)	22.606	22.606	b) Mumbai Drawl	25.806	25.806
5) WPCL	4.085	4.085	c) MSEDCL Bilateral *	23.199	23.199
6) PGPL	0.000	0.000	Include PX	5.844	5.844
7) Other IPP	12.507	12.507	d) Mumbai Bilateral *	24.682	24.682
C) 1) TPCL Thermal	14.763	14.763	Include PX	12.390	12.390
2) TPCL Hydro	2.544	2.544	Include Standby	0.000	0.000
3) TPCL Gas	4.382	4.382	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.961	4.961	1) MSEDCL	366.515	366.515
D) STATE			2) Mumbai Discoms	52.456	52.456
1) Thermal	241.906	241.906	TOTAL STATE	418.971	418.971
(A1+C1+C4+(B1-B6))					
2) Hydro	16.892	16.892			
(A2+C2)					
3) Gas	14.769	14.769			
(A3+B6+C3)					
4) Wind	4.587	4.587			
6) SOLAR	3.873	3.873			
TOTAL STATE	282.027	282.027			

* 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	5224	5238	4983	4407
MSPGCL Hydro	1492	1292	419	188
MSPGCL Gas	413	396	422	455
MSPGCL Total Generation	7129	6926	5824	5050
Central Sector Receipt	6514	6418	5779	4466
WIND	353	260	170	314
CPP / IPP Thermal	4696	4678	4434	3647
CPP / IPP Gas	0	0	0	0
SOLAR	541	544	0	0
Exchange with Mumbai	-1402	-1339	-1382	-619
MSEDCL DEMAND MET	17831	17487	14825	12858
Load Shedding	0	0	0	0
MSEDCL DEMAND	17831	17487	14825	12858
TPCL GENERATION	1102	1082	951	691
R-INFRA GENERATION	197	245	194	192
MUMBAI DEMAND	2701	2666	2527	1502
STATE DEMAND MET	20532	20153	17352	14360
STATE DEMAND	20532	20153	17352	14360
Frequency (Hz)	49.99	50.00	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.77 Hz at 06.11 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 01/Feb/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	0.00	0	0
Unit 8	10.88	10.88	491	378
Unit 9	0.00	0.00	0	0
Unit 10	10.91	10.91	510	430
Total	21.80	21.80		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.15	10.15	500	350
Unit 5	10.26	10.26	500	350
Total	20.41	20.41		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.35	5.35	250	188
Unit 7	0.00	0.00	0	0
Unit 8	5.06	5.06	253	184
Total	10.41	10.41		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.24	10.24	465	354
Unit 6	0.00	0.00	0	0
Unit 7	10.02	10.02	452	352
Unit 8	0.00	0.00	0	0
Unit 9	10.78	10.78	492	360
Total	31.04	31.04		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.50	5.50	254	188
Total	5.50	5.50		
Khaparkheda				
Unit 1	3.70	3.70	165	140
Unit 2	3.86	3.86	170	150
Unit 3	0.00	0.00	0	0
Unit 4	3.83	3.83	170	150
Unit 5	10.12	10.12	470	358
Total	21.50	21.50		
Nasik				
Unit 3	4.18	4.18	192	158
Unit 4	4.07	4.07	177	158
Unit 5	0.00	0.00	0	0
Total	8.25	8.25		
Uran				
All Units	10.39	10.39	473	390
Total	10.39	10.39		
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)	0.05	0.05	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.05		
Koyna				
Stage 1-2	2.80	2.80	310	40
Stage 4	4.29	4.29	748	0
Stage 3	1.99	1.99	240	0
Total	9.08	9.08		
Hydro				
KDPH	0.86	0.86	36	35
VTRNA	1.28	1.28	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.12	80	0
RNGR+BHTSA	0.35	0.35	15	14
BHANDARDRA	0.45	0.45	27	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.86	0.86	47	33
GHATGHAR	1.34	1.34	125	0
Total	5.26	5.26		
Wind				
Total	4.59	4.59	0	0
Total	4.59	4.59		
CPP				
APML(Mus)	41.66	41.66	0	0
JSWEL(Mus)	17.31	17.31	0	0
VIPL(Mus)	5.12	5.12	0	0
RPLAMT(Mus)	22.61	22.61	0	0
WPCL(Mus)	4.08	4.08	0	0
Other(Mus)	12.51	12.51	0	0
Total	103.28	103.28		
SOLAR				
Total	3.87	3.87	0	0
Total	3.87	3.87		
Tata				
Trombay 5	9.52	9.52	491	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	2.76	116	114
Trombay 7B	1.62	1.62	69	67
Trombay 8	5.24	5.24	239	198
TATA Hydro	2.54	2.54	294	13
Total	21.69	21.69		
R-INFRA				
DTPS U-1&2	4.96	4.96	254	192
Total	4.96	4.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.90	118.90	MSPGCL Total	143.64	143.64
			MSPGCL Thml+Gas	129.29	129.29	Koyna 1,2 & 4 Total	7.09	7.09
			MSPGCL Hydro	14.35	14.35	State Total	282.03	282.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Feb/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	4389	146	452	4987	244	3627	0	0	4873	4912	-830	12940	0	12940	1720	14660	49.99
2	4408	151	452	5011	325	3651	0	0	4637	4552	-693	12846	0	12846	1585	14431	50.00
3	4407	188	455	5050	314	3647	0	0	4581	4466	-619	12858	0	12858	1502	14360	50.02
4	4409	206	458	5073	261	3639	0	0	4568	4565	-582	12956	0	12956	1457	14413	50.02
5	4469	203	468	5140	183	3651	0	0	4814	4939	-589	13324	0	13324	1463	14787	50.00
6	4881	224	451	5556	142	4078	0	0	5145	5448	-693	14531	0	14531	1593	16124	49.99
7	5301	518	460	6279	170	4660	0	3	5679	5976	-742	16346	0	16346	1803	18149	49.93
8	5317	1116	473	6906	200	4838	0	51	5922	6212	-793	17414	0	17414	1983	19397	49.98
9	5180	1177	459	6816	190	4747	0	217	6204	6222	-1046	17146	0	17146	2238	19384	49.99
10	5215	1227	440	6882	196	4710	0	372	6315	6078	-1287	16951	0	16951	2499	19450	50.01
11	5209	1391	437	7037	272	4695	0	482	6497	6663	-1371	17778	0	17778	2667	20445	50.01
12	5224	1492	413	7129	353	4696	0	541	6657	6514	-1402	17831	0	17831	2701	20532	49.99
13	5238	1292	396	6926	260	4678	0	544	6557	6418	-1339	17487	0	17487	2666	20153	50.00
14	5282	798	402	6482	202	4693	0	531	6238	6332	-1242	16998	0	16998	2546	19544	50.02
15	5314	843	390	6547	194	4688	0	470	6262	6533	-1272	17160	0	17160	2586	19746	49.95
16	5376	800	399	6575	155	4694	0	371	6250	6424	-1271	16948	0	16948	2606	19554	49.97
17	5425	660	392	6477	153	4676	0	229	6021	6131	-1274	16392	0	16392	2605	18997	49.94
18	5371	222	408	6001	96	4714	0	62	5690	5568	-1232	15209	0	15209	2553	17762	49.98
19	5034	365	413	5812	165	4353	0	0	5620	5751	-1349	14732	0	14732	2547	17279	49.96
20	4983	419	422	5824	170	4434	0	0	5676	5779	-1382	14825	0	14825	2527	17352	50.03
21	4984	212	435	5631	128	4320	0	0	5695	5426	-1419	14086	0	14086	2402	16488	50.02
22	4600	218	428	5246	75	4019	0	0	5563	5348	-1276	13412	0	13412	2241	15653	50.04
23	4456	270	441	5167	69	3689	0	0	5234	5397	-1109	13213	0	13213	2070	15283	49.98
24	4431	210	443	5084	70	3680	0	0	5080	5290	-994	13130	0	13130	1896	15026	50.00
MUs	118.90	14.35	10.39	143.64	4.59	103.28	0.00	3.87	135.78	136.94	-25.81	366.51	0.00	366.51	52.46	418.97	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 01/Feb/2018

Position as on 6.30 Hrs of 02/Feb/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	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	
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 01/Feb/2018

Position as on 6.30 Hrs of 02/Feb/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	
IPP	Adani U-3	660	23/01/2018	02.14		Continued.	APH-3A Current Hunting & Jamming.	
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	
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 02/Feb/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	31/01/2018	16.46	01/02/2018	12.21	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/02/2018	10.03	01/02/2018	12.03	OO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	01/02/2018	18.22		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/01/2018	17.41	01/02/2018	06.41	HT	Over Voltage
karad -kolhapur-II	IntraState	31/01/2018	20.27	01/02/2018	10.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/01/2018	20.28	01/02/2018	10.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/02/2018	01.19	01/02/2018	06.30	T	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	01/02/2018	14.49	01/02/2018	17.15	PO	Taken On TBC For Hot Line Work.
Karad - Jaigad - II	IntraState	01/02/2018	17.19		Continued.	HT	Over Voltage
Deepnagar Waluj 1	IntraState	01/02/2018	17.30	01/02/2018	18.20	EO	Attending Hot Spot
Main Bus-II @ Aurangabad	IntraState	01/02/2018	17.30	01/02/2018	18.20	EO	Attending Hot Spot On 89B Y-PH Hanger Rod Of Deepnagar Bay
Khadka-Aurangabad (Waluj)	IntraState	01/02/2018	17.47		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	01/02/2018	19.58		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-I @Nanded	IntraState	01/02/2018	12.13	01/02/2018	17.53	PO	Routine Maintenance Work, Bushing Erection 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.
Badnera - Deoli (PG)	InterState	01/02/2018	10.01	01/02/2018	20.14	PO	Work at PG end
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.
Chinchwad-Hinjewadi I	IntraState	01/02/2018	07.46		Continued.	HT	Control Load.
Loteparshuram- Dasturi Line	IntraState	01/02/2018	08.17	02/02/2018	00.10	PO	Testing Work. Panel Shifting.
Chakan-Chinchwad	IntraState	01/02/2018	08.20	01/02/2018	20.03	PO	jumper work at cut point loc.
Talandage - Sawantwadi I	IntraState	01/02/2018	08.32	01/02/2018	19.05	PO	Insulator Cleaning Work.
Versova Aarey Line 1	IntraState	01/02/2018	09.44	01/02/2018	17.48	PO	Routine Maintenance Work
Trombay - Mulund	IntraState	01/02/2018	10.12	01/02/2018	20.05	PO	Routine Maintenance Work
Main Bus Section-I@ Pedambe	IntraState	01/02/2018	10.25	01/02/2018	11.00	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 01/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 02/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandalgaon - Bhira	IntraState	01/02/2018	13.04	01/02/2018	17.00	PO	Routine Maintenance Work
Lonikand-II- Kathapur	IntraState	01/02/2018	15.09	01/02/2018	22.07	PO	Relay Testing.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	01/02/2018	21.27	02/02/2018	02.23	T	Distance Protection
TPC Borivali Aarey Line 1	IntraState	02/02/2018	02.37	02/02/2018	05.48	PO	Railway 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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
Borivli : 220 / 110 / 33 250 MVA ICT 2	IntraState	31/01/2018	10.40		Continued.	T	220 kv bus 2 fault.
132 KV LINE Outages/Trippings							
Nanded - Kandhar	IntraState	31/01/2018	16.57	01/02/2018	00.50	T	Distance Protection
Amalner(220kv)-Chopda	IntraState	31/01/2018	23.43	01/02/2018	00.15	T	Distance Protection

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