

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.036	835.881	1) Gujrat	1.102	1.560
2) Hydro	12.814	76.739	2) Madhya Pradesh	17.531	123.686
3) Gas	7.108	59.835	3) Chattisgarh	7.380	57.240
Total MSPGCL	142.958	972.455	4) Maharashtra Net	107.550	758.006
B) 1) APML	55.392	357.169	5) Goa (Amona)	-0.660	-4.576
2) JSWEL	18.058	123.224	Total	132.903	935.916
3) VIPL	6.284	42.649	a) Mumbai Schedule	23.538	152.577
4) RPL(AMT)	22.475	157.282	b) Mumbai Drawl	26.383	168.238
5) WPCL	4.417	29.347	c) MSEDCL Bilateral *	25.976	165.263
6) PGPL	0.000	0.000	Include PX	3.476	32.388
7) Other IPP	12.644	87.468	d) Mumbai Bilateral *	23.538	152.577
C) 1) TPCL Thermal	14.261	102.462	Include PX	5.864	61.190
2) TPCL Hydro	3.621	17.634	Include Standby	0.000	0.000
3) TPCL Gas	2.887	26.428	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.698	45.789	1) MSEDCL	373.803	2594.686
D) STATE			2) Mumbai Discoms	53.850	360.552
1) Thermal	263.265	1781.271	TOTAL STATE	427.653	2955.238
(A1+C1+C4+(B1-B6))					
2) Hydro	16.435	94.373			
(A2+C2)					
3) Gas	9.995	86.263			
(A3+B6+C3)					
4) Wind	3.476	34.856			
6) SOLAR	1.579	22.558			
TOTAL STATE	294.750	2019.321			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5666	5471	5347	4428
MSPGCL Hydro	1177	564	274	203
MSPGCL Gas	298	283	306	330
MSPGCL Total Generation	7141	6318	5927	4961
Central Sector Receipt	6279	6536	5468	4981
WIND	105	139	144	149
CPP / IPP Thermal	5586	5447	4952	4172
CPP / IPP Gas	0	0	0	0
SOLAR	192	255	0	0
Exchange with Mumbai	-1386	-1366	-1479	-1120
MSEDCL DEMAND MET	17917	17329	15012	13143
Load Shedding	0	0	0	0
MSEDCL DEMAND	17917	17329	15012	13143
TPCL GENERATION	1104	1089	919	642
R-INFRA GENERATION	251	251	197	193
MUMBAI DEMAND	2741	2706	2595	1955
STATE DEMAND MET	20658	20035	17607	15098
STATE DEMAND	20658	20035	17607	15098
Frequency (Hz)	49.97	49.96	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.01 Hrs	49.76 Hz at 17.39 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 07/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	11.24	77.87	501	451
Unit 9	0.00	0.00	0	0
Unit 10	11.96	74.78	601	350
Total	23.20	152.65		
Bhusawal				
Unit 3	4.28	20.10	200	160
Unit 4	10.30	70.94	490	360
Unit 5	10.39	71.29	500	355
Total	24.98	162.33		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.31	37.02	250	193
Unit 7	0.00	0.00	0	0
Unit 8	5.11	34.86	250	180
Total	10.42	71.88		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.45	52.70	450	0
Unit 6	0.00	0.00	0	0
Unit 7	10.01	69.96	451	360
Unit 8	11.23	51.62	500	360
Unit 9	11.12	75.42	489	356
Total	36.80	249.71		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	37.96	254	188
Total	5.48	37.96		
Khaparkheda				
Unit 1	3.77	25.04	160	150
Unit 2	0.00	7.54	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.76	25.94	162	150
Unit 5	6.44	45.48	480	0
Total	13.96	103.99		
Nasik				
Unit 3	4.19	29.30	193	155
Unit 4	4.00	28.06	176	158
Unit 5	0.00	0.00	0	0
Total	8.19	57.36		
Uran				
All Units	7.11	59.84	330	279
Total	7.11	59.84		
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)	0.14	0.82	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.82		
Koyna				
Stage 1-2	2.66	17.89	425	40
Stage 4	4.00	17.15	1000	0
Stage 3	1.22	7.76	160	0
Total	7.87	42.81		
Hydro				
KDPH	0.86	5.87	36	35
VTRNA	1.08	7.91	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.73	73	0
RNGR+BHTSA	0.37	2.58	16	15
BHANDARDRA	0.48	3.10	29	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.89	6.10	47	34
GHATGHAR	1.15	7.64	125	0
Total	4.94	33.93		
Wind				
Total	3.48	34.86	0	0
Total	3.48	34.86		
CPP				
APML(Mus)	55.39	357.17	0	0
JSWEL(Mus)	18.06	123.22	0	0
VIPL(Mus)	6.28	42.65	0	0
RPLAMT(Mus)	22.48	157.28	0	0
WPCL(Mus)	4.42	29.35	0	0
Other(Mus)	12.64	87.47	0	0
Total	119.27	797.14		
SOLAR				
Total	1.58	22.56	0	0
Total	1.58	22.56		
Tata				
Trombay 5	9.06	65.85	485	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.62	16.09	73	65
Trombay 7B	1.27	10.34	55	52
Trombay 8	5.20	36.61	239	198
TATA Hydro	3.62	17.63	307	0
Total	20.77	146.52		
R-INFRA				
DTPS U-1&2	6.70	45.79	499	193
Total	6.70	45.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.04	835.88	MSPGCL Total	142.96	972.46
			MSPGCL Thml+Gas	130.14	895.72	Koyna 1,2 & 4 Total	6.65	35.04
			MSPGCL Hydro	12.81	76.74	State Total	294.75	2019.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4562	446	294	5302	77	4425	0	0	4895	4984	-749	14039	0	14039	1765	15804	49.97
2	4528	239	284	5051	73	4455	0	0	4877	4807	-630	13756	0	13756	1639	15395	49.99
3	4551	216	293	5060	110	4431	0	0	4879	4639	-559	13681	0	13681	1565	15246	49.99
4	4573	217	294	5084	145	4364	0	0	4932	4707	-514	13786	0	13786	1520	15306	50.01
5	4723	222	303	5248	152	4432	0	0	4990	4929	-525	14236	0	14236	1532	15768	50.00
6	5163	242	282	5687	117	4995	0	0	5200	5384	-598	15585	0	15585	1664	17249	49.97
7	5443	831	300	6574	140	5382	0	0	5548	5487	-570	17013	0	17013	1888	18901	49.96
8	5506	1570	301	7377	105	5564	0	13	5616	5659	-703	18015	0	18015	2064	20079	49.89
9	5581	1527	311	7419	57	5621	0	56	5650	5808	-981	17980	0	17980	2328	20308	49.87
10	5613	1483	298	7394	96	5601	0	111	5798	5907	-1184	17925	0	17925	2580	20505	49.94
11	5666	1177	298	7141	105	5586	0	192	6136	6279	-1386	17917	0	17917	2741	20658	49.97
12	5613	879	295	6787	169	5494	0	237	6578	6500	-1416	17771	0	17771	2757	20528	49.97
13	5471	564	283	6318	139	5447	0	255	6494	6536	-1366	17329	0	17329	2706	20035	49.96
14	5497	417	299	6213	187	5340	0	257	6075	6044	-1325	16716	0	16716	2611	19327	50.03
15	5489	382	288	6159	211	5329	0	193	6079	6083	-1350	16625	0	16625	2627	19252	49.92
16	5473	384	279	6136	286	5332	0	158	6086	5904	-1417	16399	0	16399	2640	19039	50.01
17	5497	184	290	5971	214	5201	0	85	5891	5683	-1505	15649	0	15649	2618	18267	49.92
18	5318	159	292	5769	150	5060	0	22	5513	5587	-1493	15095	0	15095	2592	17687	49.94
19	5111	242	294	5647	139	4966	0	0	5459	5593	-1442	14903	0	14903	2587	17490	49.95
20	5347	274	306	5927	144	4952	0	0	5472	5468	-1479	15012	0	15012	2595	17607	49.96
21	4861	199	296	5356	154	4594	0	0	5494	5574	-1492	14186	0	14186	2461	16647	49.98
22	4551	369	299	5219	178	4278	0	0	5232	5277	-1359	13593	0	13593	2288	15881	49.98
23	4471	388	299	5158	179	4248	0	0	5053	5083	-1220	13448	0	13448	2127	15575	49.95
24	4428	203	330	4961	149	4172	0	0	4916	4981	-1120	13143	0	13143	1955	15098	49.98
MUs	123.04	12.81	7.11	142.96	3.48	119.27	0.00	1.58	132.86	132.90	-26.38	373.80	0.00	373.80	53.85	427.65	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 07/Feb/2018

Position as on 6.30 Hrs of 08/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.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
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.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Feb/2018

Position as on 6.30 Hrs of 08/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							to coal shortage w.e.f 28.01.2018)	
MSPGCL	Paras Unit 3	250	21/01/2018	06.45		Continued.	Boiler Tube Leakage	
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.	
MSPGCL	Khaparkhedda Unit 2	210	02/02/2018	23.57		Continued.	poor coal receipt.	
MSPGCL	Khaparkhedda Unit 5	500	04/02/2018	20.54	07/02/2018	06.09	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	05/02/2018	20.08	07/02/2018	23.32	Gas shortage	
RINFRA-G	REL Unit 2	250	07/02/2018	07.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	07/02/2018	12.00		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 08/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 II	InterState	06/02/2018	09.00		Continued.	PO	Line Maint.work(RFC 17.00 Hrs)
karad -kolhapur-II	IntraState	06/02/2018	18.06	07/02/2018	09.39	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/02/2018	18.07	07/02/2018	09.35	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/02/2018	18.17	07/02/2018	08.18	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/02/2018	17.27		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	07/02/2018	17.29		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/02/2018	17.33		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	07/02/2018	12.30	07/02/2018	20.33	PO	Painting 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.
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
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
New Koyna - Loteparshuram	IntraState	06/02/2018	08.36	07/02/2018	02.19	PO	Wiring shifting of control panel in new C/R
Boisar II - Tarapur	IntraState	06/02/2018	08.59		Continued.	PO	Line Maintenance work
Jejuri- Ismt- Lonand	IntraState	07/02/2018	01.13	07/02/2018	01.37	T	Distance Protection
Sawantwadi-Bidri	IntraState	07/02/2018	09.04		Continued.	PO	Insulator Cleaning Work.
Padghe - Jindal	IntraState	07/02/2018	09.28	07/02/2018	16.46	PO	Diagnostic Testing Work.
Dhamangaon New - Badnera	IntraState	07/02/2018	09.52	07/02/2018	18.18	PO	Replacement of Line Isolator
Kalmeshwar-Pandhurna	IntraState	07/02/2018	10.10	07/02/2018	16.36	PO	Line Maintenance work
Karad(400kv) - Wathar	IntraState	07/02/2018	10.25	07/02/2018	17.19	PO	Insulator Cleaning.
Nagar-Bose II	IntraState	07/02/2018	11.24	07/02/2018	14.29	PO	Testing Work
Padghe - Jambhul 2	IntraState	07/02/2018	14.28	07/02/2018	18.29	PO	Testing Work
Boisar-Viraj	IntraState	07/02/2018	15.58	07/02/2018	21.22	HT	Control Boisar PG Line Loading.
Dahanu-Viraj	IntraState	08/02/2018	00.02		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 / 110 / 33 250 MVA ICT 2 @ Borivli(T)	IntraState	31/01/2018	10.40		Continued.	T	220 kv bus 2 fault.

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