

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 14/Feb/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.687	1665.024	1) Gujrat	2.193	3.848
2) Hydro	5.709	141.234	2) Madhya Pradesh	17.560	245.473
3) Gas	6.907	112.484	3) Chattisgarh	6.720	109.580
Total MSPGCL	134.303	1918.742	4) Maharashtra Net	96.145	1431.333
B) 1) APML	40.368	692.835	5) Goa (Amona)	-0.726	-9.504
2) JSWEL	16.927	241.794	Total	121.892	1780.730
3) VIPL	5.592	84.331	a) Mumbai Schedule	18.448	271.551
4) RPL(AMT)	22.255	309.049	b) Mumbai Drawl	21.433	307.905
5) WPCL	4.496	59.097	c) MSEDCL Bilateral *	18.579	289.456
6) PGPL	0.000	0.000	Include PX	0.810	39.174
7) Other IPP	11.975	172.364	d) Mumbai Bilateral *	18.448	267.739
C) 1) TPCL Thermal	13.132	198.904	Include PX	5.581	96.693
2) TPCL Hydro	4.451	40.197	Include Standby	0.000	3.813
3) TPCL Gas	3.991	51.008	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.612	112.046	1) MSEDCL	351.790	5081.361
D) STATE			2) Mumbai Discoms	52.619	710.070
1) Thermal	246.044	3535.444	TOTAL STATE	404.409	5791.431
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.160	181.431			
3) Gas (A3+B6+C3)	10.898	163.492			
4) Wind	12.058	85.887			
6) SOLAR	3.357	44.437			
TOTAL STATE	282.517	4010.691			

* 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	5474	5458	5093	4549
MSPGCL Hydro	218	148	487	174
MSPGCL Gas	276	266	370	297
MSPGCL Total Generation	5968	5872	5950	5020
Central Sector Receipt	5994	5661	5686	3405
WIND	496	518	558	545
CPP / IPP Thermal	4765	4700	4049	3667
CPP / IPP Gas	0	0	0	0
SOLAR	511	518	0	0
Exchange with Mumbai	-1226	-1227	-1234	-387
MSEDCL DEMAND MET	16508	16042	15009	12250
Load Shedding	0	0	0	0
MSEDCL DEMAND	16508	16042	15009	12250
TPCL GENERATION	1033	1070	1007	683
R-INFRA GENERATION	459	376	375	373
MUMBAI DEMAND	2718	2673	2616	1443
STATE DEMAND MET	19226	18715	17625	13693
STATE DEMAND	19226	18715	17625	13693
Frequency (Hz)	50.01	49.99	49.96	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.02 Hrs	49.81 Hz at 21.07 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 14/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	12.15	159.45	556	460
Unit 9	0.00	0.00	0	0
Unit 10	13.12	163.20	630	460
Total	25.28	322.65		
Bhusawal				
Unit 3	0.42	45.95	160	0
Unit 4	10.03	140.79	500	350
Unit 5	10.01	141.24	490	350
Total	20.46	327.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.99	71.84	250	152
Unit 7	0.00	0.00	0	0
Unit 8	5.17	70.00	253	187
Total	10.16	141.83		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.48	87.54	425	350
Unit 6	0.00	0.00	0	0
Unit 7	9.76	136.78	443	357
Unit 8	0.00	92.81	0	0
Unit 9	10.35	148.30	487	353
Total	29.58	465.43		
Paras				
Unit 3	5.35	13.21	250	187
Unit 4	5.46	75.65	252	189
Total	10.80	88.86		
Khaparkheda				
Unit 1	0.00	45.88	0	0
Unit 2	3.82	17.34	170	150
Unit 3	0.00	0.00	0	0
Unit 4	3.74	52.00	162	150
Unit 5	9.84	89.11	460	355
Total	17.40	204.32		
Nasik				
Unit 3	4.06	58.07	193	160
Unit 4	3.95	55.88	172	157
Unit 5	0.00	0.00	0	0
Total	8.01	113.95		
Uran				
All Units	6.91	112.48	370	190
Total	6.91	112.48		
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)	0.00	1.18	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.18		
Koyna				
Stage 1-2	1.64	33.64	335	40
Stage 4	0.26	29.61	159	0
Stage 3	0.46	14.22	142	0
Total	2.37	77.47		
Hydro				
KDPH	0.47	9.18	36	0
VTRNA	0.89	15.79	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.78	80	0
RNGR+BHTSA	0.33	4.97	14	13
BHANDARDRA	0.42	6.32	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.68	11.55	29	28
GHATGHAR	0.41	13.78	125	0
Total	3.34	63.76		
Wind				
Total	12.06	85.89	0	0
Total	12.06	85.89		
CPP				
APML(Mus)	40.37	692.84	0	0
JSWEL(Mus)	16.93	241.79	0	0
VIPL(Mus)	5.59	84.33	0	0
RPLAMT(Mus)	22.26	309.05	0	0
WPCL(Mus)	4.50	59.10	0	0
Other(Mus)	11.98	172.36	0	0
Total	101.61	1559.47		
SOLAR				
Total	3.36	44.44	0	0
Total	3.36	44.44		
Tata				
Trombay 5	8.16	126.64	484	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.46	30.78	116	62
Trombay 7B	1.53	20.23	69	51
Trombay 8	4.97	72.26	237	198
TATA Hydro	4.45	40.20	441	0
Total	21.57	290.11		
R-INFRA				
DTPS U-1&2	9.61	112.05	503	372
Total	9.61	112.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.69	1665.02	MSPGCL Total	134.30	1918.74
			MSPGCL Thml+Gas	128.59	1777.51	Koyna 1,2 & 4 Total	1.91	63.25
			MSPGCL Hydro	5.71	141.23	State Total	282.52	4010.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	4602	158	311	5071	398	3680	0	0	4468	4058	-566	12641	0	12641	1622	14263	50.00
2	4614	164	296	5074	566	3655	0	0	4219	3854	-446	12703	0	12703	1502	14205	50.02
3	4549	174	297	5020	545	3667	0	0	3772	3405	-387	12250	0	12250	1443	13693	50.04
4	4451	184	307	4942	625	3661	0	0	3759	3667	-350	12545	0	12545	1405	13950	50.05
5	4456	118	296	4870	640	3655	0	0	4292	3945	-351	12759	0	12759	1407	14166	49.98
6	4658	102	297	5057	581	3742	0	0	4777	5044	-473	13951	0	13951	1528	15479	49.96
7	5373	169	307	5849	542	4364	0	1	5311	5443	-655	15544	0	15544	1740	17284	49.94
8	5525	393	296	6214	459	4678	0	37	5737	5874	-592	16670	0	16670	1909	18579	49.98
9	5531	597	293	6421	429	4772	0	156	5463	5715	-700	16793	0	16793	2204	18997	49.99
10	5600	367	287	6254	402	4823	0	319	5474	5338	-859	16277	0	16277	2486	18763	49.95
11	5576	335	264	6175	475	4817	0	420	5765	5747	-1097	16537	0	16537	2665	19202	50.03
12	5474	218	276	5968	496	4765	0	511	6177	5994	-1226	16508	0	16508	2718	19226	50.01
13	5458	148	266	5872	518	4700	0	518	5708	5661	-1227	16042	0	16042	2673	18715	49.99
14	5492	185	255	5932	326	4706	0	445	5544	5626	-1187	15848	0	15848	2588	18436	50.04
15	5539	213	190	5942	283	4715	0	393	5562	5700	-1198	15835	0	15835	2634	18469	49.94
16	5589	202	214	6005	266	4698	0	309	5577	5701	-1217	15762	0	15762	2670	18432	49.97
17	5591	196	209	5996	256	4692	0	189	5591	5447	-1205	15375	0	15375	2661	18036	49.98
18	5258	202	332	5792	306	4328	0	59	5494	5404	-1226	14663	0	14663	2647	17310	49.97
19	5094	247	364	5705	436	4086	0	0	5410	5375	-1246	14356	0	14356	2623	16979	49.98
20	5093	487	370	5950	558	4049	0	0	5443	5686	-1234	15009	0	15009	2616	17625	49.96
21	4699	196	329	5224	601	3956	0	0	5295	5258	-1142	13897	0	13897	2469	16366	50.00
22	4475	295	284	5054	690	3880	0	0	4932	5102	-1041	13685	0	13685	2306	15991	49.99
23	4488	182	284	4954	760	3845	0	0	4775	4533	-956	13136	0	13136	2139	15275	50.03
24	4502	177	283	4962	900	3679	0	0	4357	4315	-852	13004	0	13004	1964	14968	50.00
MUs	121.69	5.71	6.91	134.30	12.06	101.61	0.00	3.36	122.90	121.89	-21.43	351.79	0.00	351.79	52.62	404.41	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 14/Feb/2018

Position as on 6.30 Hrs of 15/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	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Feb/2018

Position as on 6.30 Hrs of 15/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage	
MSPGCL	Chandrapur Unit-8	500	11/02/2018	22.16		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound	
MSPGCL	Khaparkheda Unit 1	210	13/02/2018	15.52		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	14/02/2018	00.04	14/02/2018	13.51	Tripped On Bearing Vibration High.	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	14/02/2018	20.33	15/02/2018	01.19	Due To Bearing Vibration High.	
MSPGCL	Uran Unit 8	108	15/02/2018	05.08		Continued.	Bearing Vibration High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 15/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	09/02/2018	10.06		Continued.	OO	Line Maintenance work
Padgha Tarapur I	InterState	14/02/2018	03.52	14/02/2018	08.33	T	Over Voltage
karad -kolhapur-II	IntraState	13/02/2018	15.13		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/02/2018	17.14		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/02/2018	17.58	14/02/2018	09.37	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/02/2018	17.08		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	15/02/2018	03.31		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01		Continued.	EO	due to negative dga report.
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.
Nasik Navsari I	InterState	14/02/2018	09.22	14/02/2018	18.12	PO	Routine Maintenance 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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
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)
Nerul - Sonkhar	IntraState	11/02/2018	06.34		Continued.	PO	Reorientation work
Kharghar Trombay	IntraState	11/02/2018	07.38		Continued.	PO	Reorientation work
Osmanabad - Solapur (Bale)	IntraState	13/02/2018	07.50	14/02/2018	09.49	HT	To Control Old GCR To Bale ckt Over Loading.
Khadka-Chalisgaon-1	IntraState	14/02/2018	07.04	14/02/2018	19.42	PO	Restraining Work Due To Low Clearance.
Deepnagar Bambhori	IntraState	14/02/2018	08.29	14/02/2018	18.19	PO	Replacement of Line Isolator
Butibori - Wardha	IntraState	14/02/2018	08.57	14/02/2018	17.31	PO	Replacement of Line Insulators At LOC. No. 304. 325.
Ambazari-Kalmeshwar	IntraState	14/02/2018	10.20	14/02/2018	17.25	PO	Diagnostic Testing Work.
Peth- Mudshingi -I	IntraState	14/02/2018	10.35	14/02/2018	17.07	PO	Cold Line Washing.
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	14/02/2018	10.52	14/02/2018	13.49	PO	Quarterly Maintainance Work
Malinagar - Tembhurni	IntraState	14/02/2018	11.30	14/02/2018	15.45	PO	Routine Maintenance Work
Trombay MSETCL Tie 2	IntraState	15/02/2018	03.33		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)
220/6.6kV 40MVA STN T/F-III @ Khaperkheda	IntraState	02/02/2018	09.32	14/02/2018	17.47	PO	Distance Relay Testing Work
220/6.6kV 40MVA STN T/F-III @ Khaperkheda	IntraState	03/02/2018	09.32	14/02/2018	17.47	PO	Distance Relay Testing Work
220/22 Kv 25 Mva Bbl Ptr 1	IntraState	09/02/2018	11.41	14/02/2018	18.25	T	T/F B PH LA Bust.

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 14/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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@Nagothane