

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Feb/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.831	3215.842	1) Gujrat	-0.536	12.201
2) Hydro	18.275	343.646	2) Madhya Pradesh	18.471	458.747
3) Gas	6.556	211.998	3) Chattisgarh	6.810	189.970
Total MSPGCL	156.662	3771.486	4) Maharashtra Net	121.287	2691.792
B) 1) APML	39.332	1204.419	5) Goa (Amona)	-0.660	-17.050
2) JSWEL	12.056	416.238	Total	145.372	3335.660
3) VIPL	6.747	163.125	a) Mumbai Schedule	21.424	495.230
4) RPL(AMT)	24.209	597.752	b) Mumbai Drawl	24.837	562.552
5) WPCL	4.344	109.825	c) MSEDCL Bilateral *	28.268	576.033
6) PGPL	0.000	0.000	Include PX	11.349	113.438
7) Other IPP	11.592	313.334	d) Mumbai Bilateral *	21.424	491.418
C) 1) TPCL Thermal	15.524	370.138	Include PX	7.546	169.059
2) TPCL Hydro	4.843	88.946	Include Standby	0.000	3.813
3) TPCL Gas	2.443	98.025	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.061	241.663	1) MSEDCL	386.543	9595.762
D) STATE			2) Mumbai Discoms	58.708	1361.335
1) Thermal	256.696	6632.336	TOTAL STATE	445.251	10957.097
(A1+C1+C4+(B1-B6))					
2) Hydro	23.118	432.592			
(A2+C2)					
3) Gas	8.999	310.023			
(A3+B6+C3)					
4) Wind	7.358	159.107			
6) SOLAR	3.708	87.368			
TOTAL STATE	299.879	7621.426			

* 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 4 Hrs
MSPGCL Thermal	5393	5117	5494	5436
MSPGCL Hydro	1665	1584	722	118
MSPGCL Gas	271	259	275	280
MSPGCL Total Generation	7329	6960	6491	5834
Central Sector Receipt	7279	7449	5655	4752
WIND	429	577	122	439
CPP / IPP Thermal	4243	4186	4268	3714
CPP / IPP Gas	0	0	0	0
SOLAR	508	536	0	0
Exchange with Mumbai	-1319	-1362	-1113	-699
MSEDCL DEMAND MET	18469	18346	15423	14040
Load Shedding	0	0	0	0
MSEDCL DEMAND	18469	18346	15423	14040
TPCL GENERATION	1221	1137	1141	631
R-INFRA GENERATION	502	501	498	375
MUMBAI DEMAND	3042	3000	2752	1705
STATE DEMAND MET	21511	21346	18175	15745
STATE DEMAND	21511	21346	18175	15745
Frequency (Hz)	49.96	49.96	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06:02 Hrs	49.83 Hz at 22:08 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 26/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	12.40	303.62	600	337
Unit 9	0.00	0.00	0	0
Unit 10	10.26	326.05	660	0
Total	22.66	629.67		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.38	272.40	500	360
Unit 5	11.40	272.88	500	360
Total	22.78	591.23		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.70	122.24	250	187
Unit 7	0.00	6.53	0	0
Unit 8	5.41	135.52	250	187
Total	11.10	264.29		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.20	171.50	480	430
Unit 6	0.00	0.00	0	0
Unit 7	0.00	215.98	0	0
Unit 8	11.81	196.74	500	480
Unit 9	11.49	282.12	495	439
Total	34.50	866.34		
Paras				
Unit 3	6.06	84.62	256	245
Unit 4	6.02	146.76	255	250
Total	12.08	231.38		
Khaparkheda				
Unit 1	4.06	70.68	185	155
Unit 2	0.00	43.86	0	0
Unit 3	4.75	18.56	205	187
Unit 4	0.00	70.75	0	0
Unit 5	11.56	215.35	500	460
Total	20.37	419.19		
Nasik				
Unit 3	4.27	109.16	191	161
Unit 4	4.06	104.57	178	154
Unit 5	0.00	0.00	0	0
Total	8.33	213.74		
Uran				
All Units	6.56	212.00	282	259
Total	6.56	212.00		
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	2.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.00		
Koyna				
Stage 1-2	3.91	80.69	460	40
Stage 4	8.44	110.18	1000	0
Stage 3	2.95	41.93	240	0
Total	15.29	232.80		
Hydro				
KDPH	0.63	19.31	37	19
VTRNA	0.96	29.60	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.50	80	0
RNGR+BHTSA	0.34	9.08	15	14
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	18.56	22	21
GHATGHAR	0.42	23.09	125	0
Total	2.98	110.85		
Wind				
Total	7.36	159.11	0	0
Total	7.36	159.11		
CPP				
APML(Mus)	39.33	1204.42	0	0
JSWEL(Mus)	12.06	416.24	0	0
VIPL(Mus)	6.75	163.12	0	0
RPLAMT(Mus)	24.21	597.75	0	0
WPCL(Mus)	4.34	109.82	0	0
Other(Mus)	11.59	313.33	0	0
Total	98.28	2804.69		
SOLAR				
Total	3.71	87.37	0	0
Total	3.71	87.37		
Tata				
Trombay 5	10.08	234.19	490	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.35	59.94	65	52
Trombay 7B	1.10	38.09	52	39
Trombay 8	5.44	135.95	246	199
TATA Hydro	4.84	88.95	396	0
Total	22.81	557.11		
R-INFRA				
DTPS U-1&2	11.06	241.66	503	374
Total	11.06	241.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.83	3215.84	MSPGCL Total	156.66	3771.49
			MSPGCL Thml+Gas	138.39	3427.84	Koyna 1,2 & 4 Total	12.34	190.87
			MSPGCL Hydro	18.28	343.65	State Total	299.88	7621.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5558	174	278	6010	390	3725	0	0	5346	5355	-987	14493	0	14493	2041	16534	50.01
2	5612	130	269	6011	413	3719	0	0	5033	5051	-847	14347	0	14347	1870	16217	50.00
3	5450	113	280	5843	460	3717	0	0	4961	4843	-754	14109	0	14109	1761	15870	50.01
4	5436	118	280	5834	439	3714	0	0	4898	4752	-699	14040	0	14040	1705	15745	50.00
5	5520	118	280	5918	402	3709	0	0	5194	5193	-697	14525	0	14525	1691	16216	50.03
6	5813	123	281	6217	384	3998	0	0	5383	5280	-745	15134	0	15134	1795	16929	50.02
7	5805	863	282	6950	349	4109	0	1	5916	5928	-670	16667	0	16667	1980	18647	49.99
8	5753	1049	281	7083	278	4244	0	59	6493	6348	-602	17410	0	17410	2148	19558	50.03
9	5748	878	279	6905	146	4309	0	205	6502	6661	-839	17387	0	17387	2443	19830	50.00
10	5775	998	277	7050	164	4315	0	350	6515	6475	-1047	17307	0	17307	2745	20052	49.97
11	5736	1529	265	7530	210	4273	0	464	6926	6954	-1265	18166	0	18166	2973	21139	49.97
12	5393	1665	271	7329	429	4243	0	508	7486	7279	-1319	18469	0	18469	3042	21511	49.96
13	5117	1584	259	6960	577	4186	0	536	7468	7449	-1362	18346	0	18346	3000	21346	49.96
14	5144	1399	259	6802	508	4159	0	483	7121	7171	-1280	17843	0	17843	2881	20724	50.01
15	5138	1460	270	6868	437	4160	0	448	7121	7312	-1275	17950	0	17950	2905	20855	49.97
16	5160	1625	260	7045	307	4164	0	364	7133	6881	-1187	17574	0	17574	2913	20487	49.97
17	5267	1585	263	7115	261	4258	0	219	6364	6386	-1214	17025	0	17025	2896	19921	49.96
18	5337	882	272	6491	191	4265	0	68	5652	6071	-1122	15964	0	15964	2818	18782	50.02
19	5468	311	274	6053	161	4150	0	3	5777	5499	-1211	14655	0	14655	2723	17378	49.97
20	5494	722	275	6491	122	4268	0	0	5596	5655	-1113	15423	0	15423	2752	18175	49.99
21	5516	317	266	6099	179	4267	0	0	5488	5677	-1064	15158	0	15158	2617	17775	49.97
22	5515	252	278	6045	166	4118	0	0	5584	5812	-1337	14804	0	14804	2433	17237	49.96
23	5548	221	278	6047	197	4102	0	0	5660	5750	-1159	14937	0	14937	2336	17273	49.97
24	5528	159	279	5966	188	4108	0	0	5629	5590	-1042	14810	0	14810	2240	17050	49.98
MUs	131.83	18.27	6.56	156.66	7.36	98.28	0.00	3.71	145.25	145.37	-24.84	386.54	0.00	386.54	58.71	445.25	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 26/Feb/2018

Position as on 6.30 Hrs of 27/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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	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 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.	
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	
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	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	
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Feb/2018

Position as on 6.30 Hrs of 27/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkhedda Unit 4	210	19/02/2018	23.34		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Parli Unit 7	250	21/02/2018	01.52		Continued.	Due To Drum Level Low.	
MSPGCL	Khaparkhedda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	22/02/2018	14.07		Continued.	For attending damaged conductor of GTR bushing.	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Koradi Unit 10	660	26/02/2018	11.29	26/02/2018	15.23	Air heater problem	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 27/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	25/02/2018	17.24	26/02/2018	09.32	HT	Over Voltage
Wardha (Pg) Warora I	InterState	26/02/2018	08.36	26/02/2018	22.13	PO	power grid outage on bus 2.
Dhule Sar'Sarovar I	InterState	26/02/2018	17.53		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/02/2018	19.26	26/02/2018	08.56	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/02/2018	17.07	26/02/2018	07.15	HT	Over Voltage
karad -kolhapur-I	IntraState	26/02/2018	12.33	26/02/2018	13.59	T	Distance Protection
karad -kolhapur-II	IntraState	26/02/2018	12.33	26/02/2018	13.54	T	Distance Protection
Bus Coupler @ Karad	IntraState	26/02/2018	15.38	26/02/2018	20.59	PO	firmware update work.
Karad-Jaigad - I	IntraState	26/02/2018	18.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/02/2018	19.51	27/02/2018	07.15	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/11.5 kV 90MVA STN T/F-IV @ Chandrapur	IntraState	22/02/2018	16.34		Continued.	PO	oil filtration.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	25/02/2018	17.14	26/02/2018	20.54	T	NDR protection operated
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	26/02/2018	10.33	26/02/2018	16.32	PO	Routine Maintenance Work
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	26/02/2018	11.09	26/02/2018	18.33	PO	ict painting work.
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	26/02/2018	15.57	26/02/2018	18.52	EO	Attending Oil Leakage
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.
Tillari Amona	InterState	24/02/2018	18.29		Continued.	T	Distance Protection
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)
Pophali - New Koyna	IntraState	26/02/2018	07.45		Continued.	PO	replacement of conductor work.
Mururd - Tuljapur	IntraState	26/02/2018	08.27	26/02/2018	13.16	EO	Attending Hot Spot
Talandge-Hamidwada	IntraState	26/02/2018	10.00	26/02/2018	12.57	PO	Quarterly Maintainance Work
Khadka-Bhadli-1	IntraState	26/02/2018	10.27	26/02/2018	18.21	PO	Line Maintenance work
Bhugaon - Lloyed Steel	IntraState	26/02/2018	10.47	26/02/2018	11.30	EO	Attending Hot Spot
Nashik-Airoli Knowledge Park	IntraState	26/02/2018	11.01	26/02/2018	19.09	PO	Routine Maintenance Work
Taloja II - OCIL-I	IntraState	26/02/2018	11.10		Continued.	PO	ct replacement work.at ocil stn out for 3 days.
Topworth - Kharghar	IntraState	26/02/2018	11.23	26/02/2018	16.40	PO	Line Maintenance work
Balapur-Akola I	IntraState	26/02/2018	12.08	26/02/2018	14.04	PO	Testing Work
Padghe - Jambhul 1	IntraState	26/02/2018	17.30	26/02/2018	20.38	T	Distance Protection
220 KV ICT Outages/Trippings							

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 26/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 27/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(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)
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	26/02/2018	10.40	26/02/2018	15.33	PO	Testing Work
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	26/02/2018	11.03	26/02/2018	19.18	PO	Testing Work
220/132KV 200MVA ICT II @Kurkumb	IntraState	26/02/2018	15.35	26/02/2018	18.03	PO	Testing Work
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	26/02/2018	20.54		Continued.	HT	as trip ckt faulty indication observed.

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