

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jan/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.582	1584.017	1) Gujrat	0.789	11.098
2) Hydro	9.803	123.813	2) Madhya Pradesh	13.535	179.595
3) Gas	8.536	121.397	3) Chattisgarh	6.890	80.050
Total MSPGCL	137.921	1829.227	4) Maharashtra Net	114.469	1366.200
B) 1) APML	54.203	679.704	5) Goa (Amona)	-0.704	-9.988
2) JSWEL	19.028	238.013	Total	134.979	1626.955
3) VIPL	10.957	156.465	a) Mumbai Schedule	30.468	313.069
4) RPL(AMT)	20.343	156.313	b) Mumbai Drawl	32.543	356.306
5) WPCL	4.135	53.098	c) MSEDCL Bilateral *	16.132	207.213
6) PGPL	0.000	0.000	Include PX	-1.732	-27.982
7) Other IPP	12.502	160.867	d) Mumbai Bilateral *	30.158	310.344
C) 1) TPCL Thermal	0.000	38.638	Include PX	9.343	61.999
2) TPCL Hydro	6.634	75.096	Include Standby	0.311	2.726
3) TPCL Gas	4.451	49.300	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.058	99.872	1) MSEDCL	371.110	4659.040
D) STATE			2) Mumbai Discoms	49.686	619.215
1) Thermal	246.808	3166.987	TOTAL STATE	420.796	5278.255
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	16.437	198.909			
3) Gas (A3+B6+C3)	12.987	170.697			
4) Wind	6.993	75.910			
6) SOLAR	2.592	38.794			
TOTAL STATE	285.817	3651.297			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5466	5526	4860	4461
MSPGCL Hydro	756	720	250	96
MSPGCL Gas	281	276	368	368
MSPGCL Total Generation	6504	6522	5478	4925
Central Sector Receipt	6741	6501	6117	4582
WIND	400	216	296	331
CPP / IPP Thermal	5756	5702	4999	4233
CPP / IPP Gas	0	0	0	0
SOLAR	448	438	0	0
Exchange with Mumbai	-1633	-1603	-1564	-1002
MSEDCL DEMAND MET	18215	17777	15326	13069
Load Shedding	0	0	0	0
MSEDCL DEMAND	18215	17777	15326	13069
TPCL GENERATION	648	646	647	182
R-INFRA GENERATION	253	253	252	253
MUMBAI DEMAND	2534	2502	2463	1437
STATE DEMAND MET	20749	20279	17789	14506
STATE DEMAND	20749	20279	17789	14506
Frequency (Hz)	49.95	49.94	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06:04 Hrs	49.79 Hz at 19:18 Hrs	49.98	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 13/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	9.64	143.21	470	360
Unit 9	9.67	98.76	475	360
Unit 10	9.29	137.77	456	340
Total	28.60	403.13		
Bhusawal				
Unit 3	0.00	32.76	0	0
Unit 4	9.94	99.09	480	350
Unit 5	9.96	128.70	485	350
Total	19.90	260.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.92	58.65	244	178
Unit 7	0.00	0.00	0	0
Unit 8	4.72	25.69	244	172
Total	9.63	84.34		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.18	131.20	475	354
Unit 6	0.00	22.82	0	0
Unit 7	9.92	128.97	460	352
Unit 8	0.00	0.00	0	0
Unit 9	10.15	127.97	470	360
Total	30.24	410.95		
Paras				
Unit 3	5.37	25.20	250	190
Unit 4	0.00	58.72	0	0
Total	5.37	83.92		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	4.01	51.04	180	135
Unit 3	0.00	0.00	0	0
Unit 4	3.62	50.95	160	143
Unit 5	9.76	130.45	445	360
Total	17.40	238.28		
Nasik				
Unit 3	4.24	26.30	195	158
Unit 4	4.20	54.50	195	158
Unit 5	0.00	22.07	0	0
Total	8.44	102.87		
Uran				
All Units	8.54	121.40	456	264
Total	8.54	121.40		
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)	0.17	2.68	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	2.68		
Koyna				
Stage 1-2	3.09	35.71	370	40
Stage 4	2.13	18.87	420	0
Stage 3	0.94	12.29	80	0
Total	6.16	66.87		
Hydro				
KDPH	0.44	9.07	19	18
VTRNA	0.92	11.39	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	4.23	80	0
RNGR+BHTSA	0.35	4.72	15	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.49	9.28	31	17
GHATGHAR	1.04	13.98	125	0
Total	3.65	56.94		
Wind				
Total	6.99	75.91	0	0
Total	6.99	75.91		
CPP				
APML(Mus)	54.20	679.70	0	0
JSWEL(Mus)	19.03	238.01	0	0
VIPL(Mus)	10.96	156.46	0	0
RPLAMT(Mus)	20.34	156.31	0	0
WPCL(Mus)	4.14	53.10	0	0
Other(Mus)	12.50	160.87	0	0
Total	121.17	1444.46		
SOLAR				
Total	2.59	38.79	0	0
Total	2.59	38.79		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	30.84	120	115
Trombay 7B	1.62	18.46	69	66
Trombay 8	0.00	21.95	0	0
TATA Hydro	6.63	75.10	459	0
Total	11.08	163.03		
R-INFRA				
DTPS U-1&2	6.06	99.87	254	250
Total	6.06	99.87		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.58	1584.02	MSPGCL Total	137.92	1829.23
			MSPGCL Thml+Gas	128.12	1705.41	Koyna 1,2 & 4 Total	5.22	54.58
			MSPGCL Hydro	9.80	123.81	State Total	285.82	3651.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	4504	90	300	4894	257	4466	0	0	4798	4906	-1257	13266	0	13266	1692	14958	49.97
2	4468	91	316	4875	263	4403	0	0	4754	4709	-1126	13124	0	13124	1562	14686	50.02
3	4464	91	326	4881	322	4359	0	0	4697	4542	-1043	13061	0	13061	1478	14539	49.99
4	4461	96	368	4925	331	4233	0	0	4638	4582	-1002	13069	0	13069	1437	14506	50.00
5	4428	102	359	4888	312	4208	0	0	5021	4831	-935	13304	0	13304	1442	14746	50.01
6	4704	146	369	5220	412	4357	0	0	5450	5531	-1044	14476	0	14476	1556	16032	50.04
7	5437	180	370	5988	393	5151	0	2	5637	5774	-1081	16226	0	16226	1685	17911	50.03
8	5454	416	445	6316	488	5548	0	27	5848	6079	-1088	17370	0	17370	1821	19191	49.95
9	5343	626	434	6404	394	5687	0	112	5851	5807	-1197	17206	0	17206	2048	19254	49.90
10	5302	840	366	6508	394	5728	0	215	5859	5960	-1417	17387	0	17387	2317	19704	49.94
11	5390	932	294	6616	395	5700	0	338	6161	6255	-1590	17714	0	17714	2490	20204	49.95
12	5466	756	281	6504	400	5756	0	448	6467	6741	-1633	18215	0	18215	2534	20749	49.95
13	5526	720	276	6522	216	5702	0	438	6435	6501	-1603	17777	0	17777	2502	20279	49.94
14	5554	836	264	6654	152	5684	0	355	6028	6313	-1516	17642	0	17642	2375	20017	50.00
15	5537	766	273	6576	101	5664	0	314	6025	6215	-1486	17385	0	17385	2378	19763	49.98
16	5518	806	279	6604	85	5528	0	208	5962	6061	-1477	17009	0	17009	2366	19375	49.96
17	5515	520	304	6340	97	5688	0	120	5920	6231	-1459	17016	0	17016	2356	19372	49.94
18	5126	174	336	5636	202	5421	0	15	5787	5772	-1475	15571	0	15571	2373	17944	49.98
19	4860	250	368	5478	296	4999	0	0	5799	6117	-1564	15326	0	15326	2463	17789	49.99
20	4670	268	440	5378	266	4762	0	0	5750	5822	-1570	14658	0	14658	2467	17125	49.94
21	4461	242	431	5134	273	4558	0	0	5265	5652	-1521	14095	0	14095	2331	16426	49.99
22	4465	458	444	5368	262	4439	0	0	4914	5166	-1553	13681	0	13681	2157	15838	50.02
23	4495	266	437	5198	311	4578	0	0	4952	4726	-1509	13305	0	13305	2000	15305	50.01
24	4434	128	456	5018	371	4550	0	0	4780	4686	-1397	13228	0	13228	1856	15084	50.00
MUs	119.58	9.80	8.54	137.92	6.99	121.17	0.00	2.59	132.80	134.98	-32.54	371.11	0.00	371.11	49.69	420.80	49.98

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 13/Jan/2018

Position as on 6.30 Hrs of 14/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	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		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 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	RPL(AMT) U-5	270	17/09/2017	02.01		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.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49	13/01/2018	06.14	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Jan/2018

Position as on 6.30 Hrs of 14/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	04/01/2018	16.42		Continued.	Coal Shortage	
TPC_G	Trombay 8	250	05/01/2018	05.52	14/01/2018	15:31	Turbine bearing temperature high.	
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	Koyna STG-IV Unit-3	250	11/01/2018	09:00	14/01/2018	19:54	Replacement of Water Pump.	
MSPGCL	Uran Unit 8	108	11/01/2018	15.43		Continued.	thrust bearing trip.	
MSPGCL	Uran Unit B0	120	11/01/2018	16.18	13/01/2018	06.44	Hydraulic Test	
MSPGCL	Uran Unit 7	108	11/01/2018	16.22	13/01/2018	00.27	Boiler Validity	
MSPGCL	Bhusawal Unit 3	210	11/01/2018	23.33		Continued.	poor coal receipt.	
MSPGCL	Paras Unit 4	250	12/01/2018	00.01		Continued.	Water Shortage	
MSPGCL	Koyna Unit 8	80	13/01/2018	08.05	13/01/2018	19.10	Maintenance work	
MSPGCL	Uran Unit 6	108	13/01/2018	09.43	13/01/2018	15.48	filter replacement work.	
IPP	VIPL U-1	300	13/01/2018	14.48	13/01/2018	15.42	Electrical Fault	
MSPGCL	Nasik Unit 4	210	14/01/2018	13:15	14/01/2018	18:55	Bus Bar Protection Operated at Nasik GCR	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 14/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	11/01/2018	17.21	14/01/2018	06:47	HT	Over Voltage
Dabhol Nagothane I	InterState	12/01/2018	10.00	13/01/2018	08.52	PO	STRING REPLACEMENT & EARTH WIRE REPLACEMENT.
Dhule Sar'Sarovar II	InterState	14/01/2018	12:38		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/01/2018	18.11	13/01/2018	10.36	HT	Over Voltage
karad -kolhapur-I	IntraState	12/01/2018	18.17	13/01/2018	10.33	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/01/2018	18.20	13/01/2018	07.03	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/01/2018	17.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/01/2018	19.35		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	13/01/2018	19.37		Continued.	HT	Over Voltage
Main Bus 1@Nagothane	IntraState	14/01/2018	12:51	14/01/2018	19:44	PO	Routine Maintenance Work
400 KV ICT Outages/Trippings							
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	12/01/2018	20.40	13/01/2018	03.51	PO	REPLACEMENT OF VT FUSE OF ICT 04
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	14/01/2018	18:07		Continued.	PO	Tertiary W D G Problem.
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.
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
Eklahare (Gcr) - Ghatghar	IntraState	13/01/2018	09.50	13/01/2018	19.19	PO	Routine Maintenance Work
Infosys - Hinjawadi 1	IntraState	13/01/2018	10.08	13/01/2018	16.50	PO	Routine Maintenance Work
New Koyna - Pedambe	IntraState	13/01/2018	10.12	13/01/2018	17.57	PO	CT Tan Delta Work
Kharepatan -Pawas Line	IntraState	13/01/2018	10.23		Continued.	PO	CB Overhauling work
Satana-Gangapur	IntraState	13/01/2018	12.22	13/01/2018	20.35	T	Distance Protection
Boisar(M) - Ghodbunder	IntraState	13/01/2018	14.53	13/01/2018	19.14	PO	Attending Hot Spot
Eklahare (Gcr) - Ghatghar	IntraState	14/01/2018	09:42	14/01/2018	18:19	PO	Remaining work of shifting of BPI.
Padgha-Temghar-II	IntraState	14/01/2018	09:52	14/01/2018	15:08	EO	Attending Hot Spot
Sonkhar - Trombay	IntraState	14/01/2018	11:11	14/01/2018	17:33	PO	Jumper Replacement.
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 100 Mva Emco Ict @Bhenda	IntraState	13/01/2018	15.19	13/01/2018	18.25	PO	Routine Maintenance Work
220/132kv 150MVA ICT-II @ Bhenda	IntraState	13/01/2018	18.50	13/01/2018	19.30	PO	TOP oil sample collection for DGA
132 KV LINE 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 13/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 14/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mankapur - Hingna-I	IntraState	14/01/2018	11.50	14/01/2018	14.03	T	Distance Protection
Padegaon Paithan	IntraState	14/01/2018	16.46	14/01/2018	22.13	T	Distance Protection