

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jan/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.465	1822.803	1) Gujrat	1.953	16.131
2) Hydro	18.357	155.748	2) Madhya Pradesh	14.450	208.716
3) Gas	10.483	142.437	3) Chattisgarh	6.640	93.380
Total MSPGCL	151.305	2120.988	4) Maharashtra Net	122.773	1596.528
B) 1) APML	42.740	771.596	5) Goa (Amona)	-0.770	-11.374
2) JSWEL	19.638	275.560	Total	145.046	1903.381
3) VIPL	10.030	176.529	a) Mumbai Schedule	29.205	367.479
4) RPL(AMT)	22.066	200.830	b) Mumbai Drawl	32.604	416.650
5) WPCL	4.258	61.328	c) MSEDCL Bilateral *	23.911	248.336
6) PGPL	0.000	0.000	Include PX	5.542	-21.261
7) Other IPP	9.526	182.707	d) Mumbai Bilateral *	29.205	364.754
C) 1) TPCL Thermal	5.215	45.142	Include PX	8.794	76.187
2) TPCL Hydro	6.044	86.048	Include Standby	0.000	2.726
3) TPCL Gas	4.499	58.261	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.639	111.348	1) MSEDCL	378.039	5403.790
D) STATE			2) Mumbai Discoms	54.001	717.451
1) Thermal	241.577	3647.843	TOTAL STATE	432.040	6121.241
(A1+C1+C4+(B1-B6))					
2) Hydro	24.401	241.796			
(A2+C2)					
3) Gas	14.982	200.698			
(A3+B6+C3)					
4) Wind	3.031	83.259			
6) SOLAR	3.003	44.262			
TOTAL STATE	286.994	4217.858			

* 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 3 Hrs
MSPGCL Thermal	5446	5442	5298	4416
MSPGCL Hydro	1748	1736	527	99
MSPGCL Gas	435	417	426	460
MSPGCL Total Generation	7629	7595	6251	4975
Central Sector Receipt	7388	7209	6243	4587
WIND	122	112	200	70
CPP / IPP Thermal	4766	4709	4408	4237
CPP / IPP Gas	0	0	0	0
SOLAR	459	461	0	0
Exchange with Mumbai	-1720	-1677	-1561	-923
MSEDCL DEMAND MET	18644	18409	15541	12946
Load Shedding	0	0	0	0
MSEDCL DEMAND	18644	18409	15541	12946
TPCL GENERATION	865	866	839	386
R-INFRA GENERATION	251	252	251	189
MUMBAI DEMAND	2836	2795	2651	1498
STATE DEMAND MET	21480	21204	18192	14444
STATE DEMAND	21480	21204	18192	14444
Frequency (Hz)	49.98	50.01	49.98	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.82 Hz at 20.20 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 15/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	9.58	161.33	500	328
Unit 9	8.13	115.38	394	306
Unit 10	9.45	155.75	500	333
Total	27.16	455.86		
Bhusawal				
Unit 3	0.00	32.76	0	0
Unit 4	10.31	119.45	500	345
Unit 5	10.28	148.98	490	345
Total	20.58	301.19		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.23	69.04	250	185
Unit 7	0.00	0.00	0	0
Unit 8	4.60	35.22	226	176
Total	9.83	104.26		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.75	152.05	475	365
Unit 6	0.00	22.82	0	0
Unit 7	10.41	149.29	461	360
Unit 8	0.00	0.00	0	0
Unit 9	10.46	148.36	469	357
Total	31.61	472.52		
Paras				
Unit 3	5.66	36.18	252	189
Unit 4	0.00	58.72	0	0
Total	5.66	94.90		
Khaparkheda				
Unit 1	0.20	6.04	85	0
Unit 2	4.24	59.46	190	160
Unit 3	0.00	0.00	0	0
Unit 4	4.11	58.85	180	160
Unit 5	10.62	150.91	490	360
Total	19.16	275.26		
Nasik				
Unit 3	4.23	34.83	195	157
Unit 4	4.23	61.92	189	155
Unit 5	0.00	22.07	0	0
Total	8.45	118.81		
Uran				
All Units	10.48	142.44	465	406
Total	10.48	142.44		
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)	0.02	2.70	15	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.70		
Koyna				
Stage 1-2	4.90	44.50	540	40
Stage 4	6.96	30.75	750	0
Stage 3	2.73	16.92	240	0
Total	14.60	92.16		
Hydro				
KDPH	0.20	9.71	19	0
VTRNA	0.93	13.24	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	4.86	80	0
RNGR+BHTSA	0.34	5.39	14	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.72	10.69	40	27
GHATGHAR	1.27	15.41	125	0
Total	3.76	63.59		
Wind				
Total	3.03	83.26	0	0
Total	3.03	83.26		
CPP				
APML(Mus)	42.74	771.60	0	0
JSWEL(Mus)	19.64	275.56	0	0
VIPL(Mus)	10.03	176.53	0	0
RPLAMT(Mus)	22.07	200.83	0	0
WPCL(Mus)	4.26	61.33	0	0
Other(Mus)	9.53	182.71	0	0
Total	108.26	1668.55		
SOLAR				
Total	3.00	44.26	0	0
Total	3.00	44.26		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	36.55	121	119
Trombay 7B	1.63	21.71	69	67
Trombay 8	5.22	28.46	232	197
TATA Hydro	6.04	86.05	459	6
Total	15.76	189.45		
R-INFRA				
DTPS U-1&2	5.64	111.35	252	189
Total	5.64	111.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.46	1822.80	MSPGCL Total	151.30	2120.99
			MSPGCL Thml+Gas	132.95	1965.24	Koyna 1,2 & 4 Total	11.87	75.25
			MSPGCL Hydro	18.36	155.75	State Total	286.99	4217.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4403	114	448	4965	47	4252	0	0	4859	4819	-1139	12944	0	12944	1713	14657	50.02
2	4396	104	440	4940	47	4236	0	0	4684	4716	-1007	12932	0	12932	1581	14513	50.03
3	4416	99	460	4975	70	4237	0	0	4622	4587	-923	12946	0	12946	1498	14444	50.05
4	4416	104	441	4961	64	4257	0	0	4590	4637	-880	13039	0	13039	1454	14493	50.03
5	4395	104	452	4951	70	4261	0	0	5034	5056	-899	13439	0	13439	1473	14912	50.04
6	5038	104	463	5605	117	4401	0	0	5455	5720	-1000	14843	0	14843	1598	16441	50.00
7	5427	509	442	6378	128	4590	0	0	5801	5938	-1074	15960	0	15960	1815	17775	49.93
8	5312	1250	465	7027	126	4641	0	26	6436	6472	-1181	17111	0	17111	2008	19119	49.93
9	5313	1520	454	7287	146	4748	0	137	6543	6573	-1353	17538	0	17538	2278	19816	49.94
10	5306	1419	438	7163	148	4788	0	281	6650	6666	-1506	17540	0	17540	2579	20119	49.96
11	5409	1391	432	7232	134	4774	0	369	6830	6932	-1663	17778	0	17778	2781	20559	49.99
12	5446	1748	435	7629	122	4766	0	459	6919	7388	-1720	18644	0	18644	2836	21480	49.98
13	5442	1736	417	7595	112	4709	0	461	6984	7209	-1677	18409	0	18409	2795	21204	50.01
14	5441	1372	406	7219	61	4697	0	459	6993	7037	-1568	17905	0	17905	2689	20594	50.03
15	5512	1321	415	7248	85	4687	0	379	7025	7314	-1602	18111	0	18111	2721	20832	49.98
16	5531	1456	416	7403	55	4680	0	268	6979	7002	-1578	17830	0	17830	2700	20530	49.96
17	5556	1454	410	7420	85	4686	0	140	6501	6581	-1568	17344	0	17344	2688	20032	49.97
18	5564	997	424	6985	115	4669	0	24	5908	6175	-1541	16427	0	16427	2644	19071	49.99
19	5298	527	426	6251	200	4408	0	0	5967	6243	-1561	15541	0	15541	2651	18192	49.98
20	5073	453	438	5964	226	4337	0	0	5905	6336	-1521	15342	0	15342	2601	17943	49.97
21	5104	175	433	5712	204	4384	0	0	5795	5671	-1462	14509	0	14509	2461	16970	49.96
22	4883	152	445	5480	206	4334	0	0	5685	5729	-1450	14299	0	14299	2299	16598	50.02
23	4893	146	446	5485	205	4358	0	0	5486	5261	-1430	13879	0	13879	2151	16030	49.98
24	4891	102	437	5430	258	4358	0	0	5102	4977	-1301	13722	0	13722	1987	15709	50.03
MUs	122.46	18.36	10.48	151.31	3.03	108.26	0.00	3.00	142.75	145.04	-32.60	378.03	0.00	378.03	54.00	432.03	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 15/Jan/2018

Position as on 6.30 Hrs of 16/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 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	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.	
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	
MSPGCL	Khaparkheda Unit 1	210	04/01/2018	16.42	15/01/2018	21.31	Coal 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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Jan/2018

Position as on 6.30 Hrs of 16/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	11/01/2018	15.43		Continued.	thrust bearing trip.	
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 STG-IV Unit-3	250	15/01/2018	11.15		Continued.	GTA/GEV Emergency stop relay operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 16/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 II	InterState	14/01/2018	12:38		Continued.	HT	Over Voltage
Chandrapur Bhadravati II	InterState	15/01/2018	09.35		Continued.	PO	Work By WRTS 1.(RFC 01.13)
Khadka-Aurangabad (Waluj)	IntraState	13/01/2018	17.43	15/01/2018	07.11	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/01/2018	19.35	15/01/2018	09.50	HT	Over Voltage
karad -kolhapur-I	IntraState	13/01/2018	19.37	15/01/2018	09.51	HT	Over Voltage
karad -kolhapur-II	IntraState	15/01/2018	17.14		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/01/2018	17.17		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/01/2018	18.16	16/01/2018	06.45	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	14/01/2018	18:07	15/01/2018	04.17	PO	Tertiary W D G Problem.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	15/01/2018	09.22	16/01/2018	02.17	PO	Overhauling Of OLTC.
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.
Solapur (Pg) South Solapur li	InterState	15/01/2018	10.23	15/01/2018	13.08	PO	Work By WRTS 1.
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
Kharepatan -Pawas Line	IntraState	13/01/2018	10.23	15/01/2018	14.46	PO	CB Overhauling work
Talandge(400kv)- Sawantwadi(Insul	IntraState	15/01/2018	08.09	15/01/2018	18.12	PO	Dismantling Of Old Tower.
Kolhapur-Bidri	IntraState	15/01/2018	08.41	15/01/2018	17.50	PO	Dismantling Of Old Tower.
Sawantwadi-Bidri	IntraState	15/01/2018	09.10	15/01/2018	18.15	PO	Bus Outage.
Mahape - TIFIL	IntraState	15/01/2018	10.22	15/01/2018	12.54	PO	Jumper replacement (Taken on TBC)
Versova Aarey Line 1	IntraState	15/01/2018	14.17	15/01/2018	16.28	PO	Civil Work At Tower S/DN For Safety Purpose.
Ghodbunder - Versova	IntraState	15/01/2018	15.28	15/01/2018	17.41	T	Distance Protection
Dahanu Versova	IntraState	15/01/2018	15.28	15/01/2018	17.04	T	Distance Protection
Kalwa - Borivali	IntraState	16/01/2018	00.35		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)
220/132 kv 200MVA ICT II @ Akola	IntraState	15/01/2018	10.15	15/01/2018	18.30	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Harangul - Nilanga	IntraState	15/01/2018	11.45	15/01/2018	11.55	T	Tripped Without Any Indication

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