

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jan/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.364	1765.049	1) Gujrat	5.810	65.735
2) Hydro	10.728	199.132	2) Madhya Pradesh	10.337	207.980
3) Gas	2.853	74.993	3) Chattisgarh	6.150	109.090
Total MSPGCL	136.945	2039.174	4) Maharashtra	131.743	1695.349
B) 1) APLM	73.013	1046.792	5) Goa (Amona)	-0.506	-8.624
2) JSWEL	24.031	360.445	Total	153.534	2069.530
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.453	315.174
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.564	334.709
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	35.253	389.232
6) Other IPP	15.831	230.892	Include PX	13.917	58.382
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.453	315.174
C) 1) TPCL Thermal	15.040	216.629	Include PX	11.757	120.377
2) TPCL Hydro	3.649	48.864	Standby	0.000	0.000
3) TPCL Gas	0.000	28.288	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.345	106.414	1) MSEDCL	392.637	5637.358
D) STATE			2) Mumbai Discoms	48.598	734.903
1) Thermal	256.624	3726.221	TOTAL STATE	441.235	6372.261
(A1+C1+C4+(B1-B6))					
2) Hydro	14.377	247.996			
(A2+C2)					
3) Gas	2.853	103.281			
(A3+B7+C3)					
4) Wind	7.834	144.438			
6) SOLAR	6.013	80.796			
TOTAL STATE	287.701	4302.732			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5419	5363	5100	4834
MSPGCL Hydro	1245	736	92	72
MSPGCL Gas	117	100	110	140
MSPGCL Total Generation	6781	6199	5302	5046
Central Sector Receipt	8274	7791	6040	5093
WIND	254	462	367	170
CPP / IPP Thermal	5044	4925	4919	4279
CPP / IPP Gas	0	0	0	0
SOLAR	758	975	0	0
Exchange with Mumbai	-1283	-1299	-1159	-742
MSEDCL DEMAND MET	19828	19053	15469	13846
Load Shedding	0	0	0	0
MSEDCL DEMAND	19828	19053	15469	13846
TPCL GENERATION	993	942	939	500
AEML GENERATION	247	247	247	187
MUMBAI DEMAND	2523	2488	2345	1429
STATE DEMAND MET	22351	21541	17814	15275
STATE DEMAND	22351	21541	17814	15275
Frequency (Hz)	50.01	50.03	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 12:01 Hrs	49.82 Hz at 22:08 Hrs	50.01	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/2020

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	9.57	170.89	452	350
Unit 9	11.83	169.31	570	451
Unit 10	12.26	124.54	550	465
Total	33.66	464.74		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	39.82	0	0
Unit 7	0.00	45.72	0	0
Unit 8	0.00	59.31	0	0
Total	0.00	144.86		
Chandrapur				
Unit 3	4.40	63.65	190	149
Unit 4	3.81	57.54	172	136
Unit 5	8.22	124.04	355	328
Unit 6	10.86	158.77	470	364
Unit 7	0.00	0.00	0	0
Unit 8	10.78	160.74	470	360
Unit 9	10.47	155.65	470	350
Total	48.54	720.38		
Paras				
Unit 3	3.50	68.52	225	0
Unit 4	5.70	79.92	255	189
Total	9.20	148.43		
Khaparkheda				
Unit 1	4.08	15.68	180	150
Unit 2	4.18	16.08	185	160
Unit 3	4.30	17.13	195	158
Unit 4	4.39	20.54	200	160
Unit 5	10.79	154.95	500	363
Total	27.75	224.38		
Nasik				
Unit 3	4.21	62.26	195	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.21	62.26		
Uran				
All Units	2.85	74.99	140	100
Total	2.85	74.99		
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	1.43	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	1.43		
Koyna				
Stage 1-2	2.08	50.70	375	40
Stage 4	5.00	84.77	1000	0
Stage 3	1.46	28.97	160	0
Total	8.55	164.44		
Hydro				
KDPH	0.00	4.12	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.54	7.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	2.03	80	0
RNGR+BHTSA	0.33	5.02	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.33	5.18	14	13
GHATGHAR	0.79	11.14	125	0
Total	2.18	34.69		
Wind				
Total	7.83	144.44	0	0
Total	7.83	144.44		
CPP				
APML(Mus)	73.01	1046.79	0	0
JSWEL(Mus)	24.03	360.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.83	230.89	0	0
Total	112.88	1638.13		
SOLAR				
Total	6.01	80.80	0	0
Total	6.01	80.80		
Tata				
Trombay 5	9.82	139.42	482	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	15.73	0	0
Trombay 7B	0.00	12.56	0	0
Trombay 8	5.22	77.21	244	183
TATA Hydro	3.65	48.86	275	0
Total	18.69	293.78		
AEML				
DTPS U-1&2	5.34	106.41	251	187
Total	5.34	106.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.36	1765.05	MSPGCL Total	136.94	2039.17
			MSPGCL Thml+Gas	126.22	1840.04	Koyna 1,2 & 4 Total	7.08	135.47
			MSPGCL Hydro	10.73	199.13	State Total	287.70	4302.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Jan/2020

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	4836	72	140	5048	164	4291	0	0	5542	5468	-915	14056	0	14056	1601	15657	50.04
2	4835	122	130	5087	174	4258	0	0	5380	5120	-795	13844	0	13844	1483	15327	49.98
3	4834	72	140	5046	170	4279	0	0	5280	5093	-742	13846	0	13846	1429	15275	50.02
4	4857	127	130	5114	133	4250	0	0	5252	5159	-703	13953	0	13953	1391	15344	49.98
5	5145	272	140	5557	115	4343	0	0	5491	5430	-721	14724	0	14724	1407	16131	50.01
6	5281	173	131	5585	113	4749	0	0	6218	5989	-815	15621	0	15621	1523	17144	49.98
7	5325	664	140	6129	106	4871	0	15	6914	6667	-755	17033	0	17033	1729	18762	49.99
8	5377	1119	130	6626	139	4935	0	67	7225	6985	-747	18005	0	18005	1923	19928	49.99
9	5324	1495	140	6959	136	4989	0	267	7251	7264	-938	18677	0	18677	2181	20858	50.00
10	5355	1398	126	6879	196	5001	0	553	7446	7477	-1163	18943	0	18943	2404	21347	50.03
11	5419	1245	117	6781	254	5044	0	758	8109	8274	-1283	19828	0	19828	2523	22351	50.01
12	5429	833	111	6373	364	4956	0	895	8517	8159	-1331	19416	0	19416	2562	21978	50.03
13	5363	736	100	6199	462	4925	0	975	7918	7791	-1299	19053	0	19053	2488	21541	50.03
14	5166	623	110	5899	463	4925	0	819	7709	7738	-1183	18661	0	18661	2347	21008	50.04
15	5165	351	109	5625	495	4898	0	711	7886	7986	-1185	18530	0	18530	2349	20879	50.03
16	5199	239	110	5548	544	4914	0	549	7875	7790	-1187	18158	0	18158	2335	20493	50.03
17	5195	323	100	5618	506	4911	0	340	7100	7219	-1177	17417	0	17417	2325	19742	50.01
18	5135	402	110	5647	403	4914	0	64	6174	5939	-1131	15836	0	15836	2303	18139	50.02
19	5100	92	110	5302	367	4919	0	0	5868	6040	-1159	15469	0	15469	2345	17814	50.01
20	5244	77	109	5430	384	4893	0	0	5755	5490	-1123	15074	0	15074	2295	17369	50.02
21	5173	77	100	5350	507	4582	0	0	5336	5384	-1192	14631	0	14631	2152	16783	50.00
22	5221	67	110	5398	547	4405	0	0	5191	4942	-1085	14207	0	14207	1993	16200	50.01
23	4794	77	110	4981	523	4338	0	0	5108	5034	-1007	13869	0	13869	1832	15701	49.99
24	4592	72	100	4764	569	4285	0	0	5079	5096	-928	13786	0	13786	1678	15464	50.04
MUs	123.36	10.73	2.85	136.94	7.83	112.87	0.00	6.01	155.62	153.53	-24.56	392.64	0.00	392.64	48.60	441.24	50.01

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/2020

Position as on 6.30 Hrs of 16/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage. Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem (Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019)	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal. (Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage (Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Jan/2020

Position as on 6.30 Hrs of 16/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	11/01/2020	16.02		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 6	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 8	250	12/01/2020	00.00	16/01/2020	02.36	Zero Schedule By MSEDCL.	
TPC-G	Trombay 7B	60	12/01/2020	20.14		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	12/01/2020	20.30		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	15/01/2020	12.50	15/01/2020	18.28	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2020

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
Dabhol Nagothane I	InterState	14/01/2020	00.35	15/01/2020	10.38	EO	Attending Hot Spot(RFC 16.53Hrs)
Dhule Sar'Sarovar I	InterState	14/01/2020	17.54	15/01/2020	05.57	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/01/2020	17.55	16/01/2020	05.57	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/01/2020	19.07		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	15/01/2020	10.29	15/01/2020	21.42	PO	Insulator Replacement Work
Karad - Lonikand 1	IntraState	15/01/2020	14.05	15/01/2020	15.58	PO	Charging of 80MVAR line reactor at karad end.
Khadka-Aurangabad (Waluj)	IntraState	15/01/2020	17.51		Continued.	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	16/01/2020	02.32		Continued.	T	DT send from Chakan end due master trip relay problem
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
EKLAHARE (OCR) Nasik - Navsari I	InterState	15/01/2020	09.28	15/01/2020	18.52	PO	String replacement work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Kalwa - Mulund 2	IntraState	15/01/2020	09.02		Continued.	PO	Stringing of HTLS conductor.
Chinchwad- Parvati	IntraState	15/01/2020	10.40	15/01/2020	18.32	PO	Diagnostic testing work.
Padghe - Wada	IntraState	15/01/2020	11.38	15/01/2020	21.32	PO	CB overhauling work.
Pusad-WardhaPG(Deoli)	IntraState	15/01/2020	11.54		Continued.	EO	Outage for height raising work.
Padghe - Nalasopara	IntraState	15/01/2020	12.52	15/01/2020	16.12	T	Distance Protection
Vasai Kamba	IntraState	15/01/2020	12.52	15/01/2020	13.25	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	13/01/2020	08.25	15/01/2020	10.45	PO	Attending Oil Leakage

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