

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Dec/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.366	699.342	1) Gujrat	1.772	2.243
2) Hydro	9.244	28.417	2) Madhya Pradesh	10.268	43.960
3) Gas	7.135	32.865	3) Chattisgarh	6.350	30.980
Total MSPGCL	152.745	760.624	4) Maharashtra Net	103.707	489.482
B) 1) APML	72.794	343.949	5) Goa (Amona)	-0.242	-1.518
2) JSWEL	18.072	85.075	Total	121.855	565.147
3) VIPL	8.412	50.188	a) Mumbai Schedule	21.452	99.976
4) RPL(AMT)	11.200	55.636	b) Mumbai Drawl	24.089	121.131
5) WPCL	1.938	9.791	c) MSEDCL Bilateral *	19.438	105.716
6) PGPL	0.000	0.000	Include PX	-7.304	-25.239
7) Other IPP	15.074	73.104	d) Mumbai Bilateral *	21.452	99.976
C) 1) TPCL Thermal	14.138	64.863	Include PX	4.119	7.757
2) TPCL Hydro	4.563	14.235	Include Standby	0.000	0.000
3) TPCL Gas	4.366	21.989	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.480	49.077	1) MSEDCL	386.575	1882.872
D) STATE			2) Mumbai Discoms	57.636	271.291
1) Thermal	288.474	1431.025	TOTAL STATE	444.211	2154.163
(A1+C1+C4+(B1-B6))					
2) Hydro	13.807	42.652			
(A2+C2)					
3) Gas	11.501	54.854			
(A3+B6+C3)					
4) Wind	4.197	37.643			
6) SOLAR	4.377	22.846			
TOTAL STATE	322.356	1589.020			

* 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 1 Hrs
MSPGCL Thermal	5932	5937	5760	5232
MSPGCL Hydro	884	623	147	92
MSPGCL Gas	289	282	289	305
MSPGCL Total Generation	7105	6842	6196	5629
Central Sector Receipt	6295	6021	5630	3665
WIND	242	204	59	195
CPP / IPP Thermal	5582	5561	5618	4781
CPP / IPP Gas	0	0	0	0
SOLAR	626	745	0	0
Exchange with Mumbai	-1139	-1185	-1351	-827
MSEDCL DEMAND MET	18711	18188	16152	13443
Load Shedding	0	0	0	0
MSEDCL DEMAND	18711	18188	16152	13443
TPCL GENERATION	1252	1228	1106	762
R-INFRA GENERATION	501	501	374	374
MUMBAI DEMAND	2892	2914	2831	1963
STATE DEMAND MET	21603	21102	18983	15406
STATE DEMAND	21603	21102	18983	15406
Frequency (Hz)	49.97	50.00	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.71 Hz at 05.11 Hrs	49.95	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 05/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.34	41.50	350	268
Unit 9	1.30	1.30	277	0
Unit 10	7.02	39.13	326	270
Total	15.66	88.58		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	10.36	48.28	500	350
Unit 5	10.30	48.06	500	350
Total	20.66	100.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	9.98	0	0
Unit 7	1.23	21.22	244	0
Unit 8	5.12	24.86	243	182
Total	6.36	56.05		
Chandrapur				
Unit 3	4.22	21.11	187	165
Unit 4	4.34	21.21	190	164
Unit 5	9.84	47.11	435	360
Unit 6	10.40	44.68	455	365
Unit 7	8.98	46.56	400	355
Unit 8	10.18	49.40	448	355
Unit 9	10.11	49.59	450	360
Total	58.06	279.66		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.38	26.34	250	190
Total	5.38	26.34		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	19.94	180	130
Unit 3	4.01	19.74	180	159
Unit 4	3.98	20.15	175	160
Unit 5	9.98	47.56	450	385
Total	21.93	107.38		
Nasik				
Unit 3	4.14	20.50	195	159
Unit 4	4.16	20.63	199	160
Unit 5	0.00	0.00	0	0
Total	8.30	41.13		
Uran				
All Units	7.14	32.86	309	280
Total	7.14	32.86		
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)	0.14	0.40	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.40		
Koyna				
Stage 1-2	1.89	8.56	255	40
Stage 4	3.23	4.54	689	0
Stage 3	1.31	2.80	160	0
Total	6.44	15.90		
Hydro				
KDPH	0.43	2.21	18	18
VTRNA	0.00	0.95	0	0
TILLARI	0.30	1.49	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.57	77	0
RNGR+BHTSA	0.36	1.72	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	1.20	25	13
GHATGHAR	1.21	4.38	125	0
Total	2.81	12.51		
Wind				
Total	4.20	37.64	0	0
Total	4.20	37.64		
CPP				
APML(Mus)	72.79	343.95	0	0
JSWEL(Mus)	18.07	85.08	0	0
VIPL(Mus)	8.41	50.19	0	0
RPLAMT(Mus)	11.20	55.64	0	0
WPCL(Mus)	1.94	9.79	0	0
Other(Mus)	15.07	73.10	0	0
Total	127.49	617.74		
SOLAR				
Total	4.38	22.85	0	0
Total	4.38	22.85		
Tata				
Trombay 5	9.12	40.23	476	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	13.95	118	97
Trombay 7B	1.60	8.04	68	61
Trombay 8	5.02	24.63	224	202
TATA Hydro	4.56	14.24	382	6
Total	23.07	101.09		
R-INFRA				
DTPS U-1&2	10.48	49.08	502	373
Total	10.48	49.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.37	699.34	MSPGCL Total	152.74	760.62
			MSPGCL Thml+Gas	143.50	732.21	Koyna 1,2 & 4 Total	5.12	13.10
			MSPGCL Hydro	9.24	28.42	State Total	322.36	1589.02

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Dec/2018

Annexure-2

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	5232	92	305	5629	195	4781	0	0	3873	3665	-827	13443	0	13443	1963	15406	49.96
2	5219	87	306	5612	211	4797	0	0	3808	4038	-729	13929	0	13929	1814	15743	49.95
3	5213	87	306	5606	252	4794	0	0	4185	4185	-652	14185	0	14185	1724	15909	49.96
4	5219	92	307	5618	239	4796	0	0	4401	4422	-628	14447	0	14447	1674	16121	49.95
5	5452	92	308	5852	221	4862	0	0	4560	4604	-621	14918	0	14918	1662	16580	49.92
6	5765	117	296	6178	243	5132	0	0	4973	5289	-677	16165	0	16165	1770	17935	49.88
7	5868	573	308	6749	228	5529	0	5	5297	5091	-662	16940	0	16940	1950	18890	49.86
8	5895	1017	309	7221	249	5592	0	79	5504	5438	-643	17936	0	17936	2098	20034	49.91
9	5864	1149	307	7320	255	5623	0	261	5581	5696	-857	18298	0	18298	2399	20697	49.95
10	5933	939	302	7174	263	5604	0	442	5816	5824	-1003	18304	0	18304	2688	20992	49.91
11	5932	884	289	7105	242	5582	0	626	6086	6295	-1139	18711	0	18711	2892	21603	49.97
12	5930	1007	293	7230	229	5556	0	669	6117	6033	-1268	18449	0	18449	2970	21419	49.99
13	5937	623	282	6842	204	5561	0	745	6022	6021	-1185	18188	0	18188	2914	21102	50.00
14	5938	331	281	6550	173	5574	0	627	5856	5858	-1101	17681	0	17681	2806	20487	50.02
15	5914	292	280	6486	150	5587	0	455	5863	5939	-1121	17496	0	17496	2843	20339	49.95
16	5848	297	280	6425	123	5590	0	324	5873	5859	-1205	17116	0	17116	2859	19975	49.92
17	5805	310	283	6398	72	5597	0	125	5862	5596	-1173	16615	0	16615	2835	19450	49.93
18	5800	177	295	6272	63	5637	0	19	5562	5584	-1263	16312	0	16312	2793	19105	49.92
19	5760	147	289	6196	59	5618	0	0	5553	5630	-1351	16152	0	16152	2831	18983	49.98
20	5706	470	300	6476	85	5518	0	0	5032	4908	-1304	15683	0	15683	2723	18406	49.97
21	5540	190	303	6033	79	5377	0	0	4747	4453	-1317	14625	0	14625	2576	17201	49.97
22	5580	96	294	5970	101	5001	0	0	4310	4108	-1237	13943	0	13943	2419	16362	49.98
23	5578	90	306	5974	123	4895	0	0	3729	3756	-1112	13636	0	13636	2273	15909	49.91
24	5438	85	306	5829	138	4886	0	0	3811	3563	-1014	13402	0	13402	2160	15562	49.96
MUs	136.37	9.24	7.13	152.75	4.20	127.49	0.00	4.38	122.42	121.86	-24.09	386.58	0.00	386.58	57.64	444.21	49.95

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 05/Dec/2018

Position as on 6.30 Hrs of 06/Dec/2018

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	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage work completed on 24/11/2018. Available against case 4 from 25/11/2018. Converted to COH from 00:00 Hrs of 05/12/2018 (for 40 Days)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
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	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
MSPGCL	Koyna Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyna Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Koradi Unit 9	660	01/12/2018	00.00	05/12/2018	16.00	5 Days Condenser Cleaning Work.	
IPP	JSW (J) U2	300	01/12/2018	08.36	06/12/2018	21.42	No Schedule.	
IPP	RPL(AMT) U-1	270	01/12/2018	20.03		Continued.	Zero schedule given by LM cell.	
MSPGCL	Bhusawal Unit 3	210	02/12/2018	00.03		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	02/12/2018	22.01		Continued.	Turbine bearing Vibration high	
MSPGCL	Parli Unit 6	250	03/12/2018	00.52		Continued.	Poor Coal Receipt.	
MSPGCL	Parli Unit 7	250	05/12/2018	06.03		Continued.	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 06/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/11/2018	07.39		Continued.	PO	Annual Maintenance Work
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	03/12/2018	09.18	05/12/2018	09.07	PO	Work at SSP end
Akola Aurangabad(PG) I	InterState	05/12/2018	11.11	05/12/2018	17.58	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	05/12/2018	16.12	06/12/2018	11.19	HT	Over Voltage
Dabhol Nagothane I	InterState	06/12/2018	09.41	06/12/2018	19.19	PO	LE scheme for insulator string Replacement
Dhule Sar'Sarovar II	InterState	06/12/2018	18.04		Continued.	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	03/12/2018	10.19		Continued.	PO	CB Overhauling Work.
Bhusawal-Aurangabad	IntraState	04/12/2018	19.29	05/12/2018	10.06	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	05/12/2018	10.22	05/12/2018	15.44	PO	DGA Sampling of CT's
Bhusawal-Aurangabad	IntraState	05/12/2018	19.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/12/2018	20.40	06/12/2018	09.14	HT	Over Voltage
Chandrapur - Parli	IntraState	06/12/2018	09.54	06/12/2018	17.34	PO	Routine Maintenance Work
Lonikand 1 - Chakan	IntraState	06/12/2018	10.35	06/12/2018	17.26	PO	Half yearly maintenance work
Koradi-Khaperkheda li	IntraState	06/12/2018	10.36	06/12/2018	12.29	PO	Collection of oil sample of CT for DGA
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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	NDR ALARM CHANGED ON HUMMING AT (30-12-2018 AT 18.21.)
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	05/12/2018	10.12		Continued.	PO	OLTC Overhauling work
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Uran - Kharghar I	IntraState	03/12/2018	11.51	05/12/2018	20.18	T	Distance Protection
Uran - Kharghar 2	IntraState	03/12/2018	12.02	05/12/2018	19.57	T	Distance Protection
Chalisgaon - Deepnagar	IntraState	05/12/2018	07.54	05/12/2018	15.07	PO	CT Replacement
Eklahare (Gcr) - Airoli Know Park	IntraState	05/12/2018	09.16		Continued.	PO	Line Maintenance work
Kandalgaon - Koyna	IntraState	05/12/2018	10.07	05/12/2018	18.20	PO	String Insulator washing work
Lamboti(solapur)-Karkamb	IntraState	05/12/2018	10.24	06/12/2018	01.08	PO	Repairing of Sleeve
Talandge-Hamidwada	IntraState	05/12/2018	10.34	05/12/2018	13.41	PO	Routine Maintenance Work

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 05/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 06/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ambazari-Amravati	IntraState	05/12/2018	10.37	05/12/2018	16.48	PO	Excavation of Foundation of proposed Amravati-Ambazari line at Karanja S/S
Gadchandur - Grace	IntraState	05/12/2018	11.12	05/12/2018	16.53	PO	Tan Delta Measurment of CTs
Nalasopara-Boisar	IntraState	05/12/2018	11.27	05/12/2018	12.56	PO	Distance Protection Zone 1, R Phase
Kandalgaon - ONGC Panvel	IntraState	05/12/2018	14.35	05/12/2018	18.10	EO	To attend Hot Spot
Bhugaon-WardhaPG (Deoli)	IntraState	05/12/2018	15.15	05/12/2018	16.30	PO	Distance Protection Out
Pandarpur-Khanapur	IntraState	05/12/2018	17.53	05/12/2018	21.18	EO	Isolator Sparking
Jejuri- Ismt- Lonand	IntraState	05/12/2018	20.10	05/12/2018	20.11	EO	ISMT Tap CT Y Phase Sparking
Jejuri- Ismt- Lonand	IntraState	05/12/2018	21.12	05/12/2018	21.16	EO	Restrining of the Jumpers
Jejuri-Phursungi 1	IntraState	06/12/2018	10.03	06/12/2018	18.52	PO	Line Stringing work
Dasturi-Kandalgaon Line	IntraState	06/12/2018	10.07	06/12/2018	18.15	PO	washing of insulator string
Kathapur-Ranjangaon	IntraState	06/12/2018	10.28	06/12/2018	17.10	PO	Disc Insulator Replacement Work
Deepnagar Bambhori	IntraState	06/12/2018	15.47	06/12/2018	17.09	EO	To attend Hot Spot
Miraj-Ichalkaranji I	IntraState	06/12/2018	17.03	06/12/2018	18.04	EO	Tightning of N/B 220kv Aux.Bus Isolator
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	02/12/2018	17.20	05/12/2018	08.26	T	Transformer Internal Fault,Buchholz trip
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	05/12/2018	09.30	06/12/2018	15.03	PO	Testing Work
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	05/12/2018	11.36	05/12/2018	17.43	PO	Tan Delta Measurment of CTs
220/33kv 50mva Emco Ptr @Kurkumbh	IntraState	06/12/2018	09.05	06/12/2018	16.35	PO	OLTC Overhauling work

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