

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 08/Dec/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.845	1116.626	1) Gujrat	1.235	6.336
2) Hydro	4.028	41.395	2) Madhya Pradesh	10.228	74.751
3) Gas	7.181	54.370	3) Chattisgarh	6.610	49.230
Total MSPGCL	147.054	1212.391	4) Maharashtra Net	102.729	786.717
B) 1) APML	71.479	561.087	5) Goa (Amona)	-0.176	-2.156
2) JSWEL	18.622	140.624	Total	120.626	914.878
3) VIPL	8.392	75.425	a) Mumbai Schedule	17.688	154.963
4) RPL(AMT)	16.306	97.627	b) Mumbai Drawl	22.387	191.926
5) WPCL	1.978	15.692	c) MSEDCL Bilateral *	24.871	180.241
6) PGPL	0.000	0.000	Include PX	-1.769	-30.359
7) Other IPP	15.041	118.800	d) Mumbai Bilateral *	17.688	154.963
C) 1) TPCL Thermal	13.112	105.531	Include PX	2.665	16.820
2) TPCL Hydro	2.980	25.126	Include Standby	0.000	0.000
3) TPCL Gas	4.310	35.140	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.839	79.343	1) MSEDCL	386.928	3031.783
D) STATE			2) Mumbai Discoms	52.628	437.062
1) Thermal	290.614	2310.755	TOTAL STATE	439.556	3468.845
(A1+C1+C4+(B1-B6))					
2) Hydro	7.008	66.521			
(A2+C2)					
3) Gas	11.491	89.510			
(A3+B6+C3)					
4) Wind	4.878	49.761			
6) SOLAR	4.939	37.424			
TOTAL STATE	318.930	2553.971			

* 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 24 Hrs
MSPGCL Thermal	6109	6044	5674	5416
MSPGCL Hydro	407	212	261	96
MSPGCL Gas	284	281	298	296
MSPGCL Total Generation	6800	6537	6233	5808
Central Sector Receipt	6302	5997	4956	3302
WIND	201	249	87	208
CPP / IPP Thermal	5863	5893	5762	4601
CPP / IPP Gas	0	0	0	0
SOLAR	730	760	0	0
Exchange with Mumbai	-1169	-1140	-1161	-907
MSEDCL DEMAND MET	18727	18296	15877	13012
Load Shedding	0	0	0	0
MSEDCL DEMAND	18727	18296	15877	13012
TPCL GENERATION	984	1006	1043	704
R-INFRA GENERATION	503	480	375	374
MUMBAI DEMAND	2656	2626	2579	1985
STATE DEMAND MET	21383	20922	18456	14997
STATE DEMAND	21383	20922	18456	14997
Frequency (Hz)	49.98	49.91	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.03 Hrs	49.79 Hz at 12.40 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 08/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	7.54	64.66	349	293
Unit 9	8.06	25.28	365	300
Unit 10	6.84	61.62	350	180
Total	22.44	158.21		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	10.16	79.26	505	350
Unit 5	10.13	78.90	500	350
Total	20.29	162.02		
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	1.22	22.44	202	0
Unit 8	5.07	40.03	241	198
Total	6.30	72.45		
Chandrapur				
Unit 3	4.25	34.01	190	163
Unit 4	4.27	33.98	187	163
Unit 5	9.22	75.16	400	360
Unit 6	9.97	74.96	455	360
Unit 7	9.31	74.69	420	343
Unit 8	10.02	79.61	450	365
Unit 9	10.16	79.36	470	365
Total	57.20	451.76		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.53	42.78	255	200
Total	5.53	42.78		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.88	31.16	175	135
Unit 3	3.61	30.70	170	131
Unit 4	0.37	26.80	143	0
Unit 5	8.92	75.68	384	360
Total	16.77	164.34		
Nasik				
Unit 3	4.42	33.33	195	158
Unit 4	2.89	31.75	185	0
Unit 5	0.00	0.00	0	0
Total	7.31	65.08		
Uran				
All Units	7.18	54.37	314	280
Total	7.18	54.37		
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)	0.12	0.72	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.72		
Koyna				
Stage 1-2	1.20	12.50	185	40
Stage 4	0.00	5.64	0	0
Stage 3	0.54	3.88	80	0
Total	1.73	22.01		
Hydro				
KDPH	0.44	3.54	19	18
VTRNA	0.00	0.95	0	0
TILLARI	0.18	2.27	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.07	80	0
RNGR+BHTSA	0.38	2.84	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	2.42	27	15
GHATGHAR	0.70	6.30	125	0
Total	2.30	19.38		
Wind				
Total	4.88	49.76	0	0
Total	4.88	49.76		
CPP				
APML(Mus)	71.48	561.09	0	0
JSWEL(Mus)	18.62	140.62	0	0
VIPL(Mus)	8.39	75.42	0	0
RPLAMT(Mus)	16.31	97.63	0	0
WPCL(Mus)	1.98	15.69	0	0
Other(Mus)	15.04	118.80	0	0
Total	131.82	1009.26		
SOLAR				
Total	4.94	37.42	0	0
Total	4.94	37.42		
Tata				
Trombay 5	8.13	65.74	471	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	22.29	118	89
Trombay 7B	1.59	12.85	68	58
Trombay 8	4.98	39.79	225	201
TATA Hydro	2.98	25.13	318	0
Total	20.40	165.80		
R-INFRA				
DTPS U-1&2	9.84	79.34	504	372
Total	9.84	79.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.84	1116.63	MSPGCL Total	147.05	1212.39
			MSPGCL Thml+Gas	143.03	1171.00	Koyna 1,2 & 4 Total	1.20	18.13
			MSPGCL Hydro	4.03	41.40	State Total	318.93	2553.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Dec/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	5161	88	308	5557	73	5011		0	3811	3696	-856	13481	0	13481	1924	15405	50.01
2	5171	94	309	5574	60	5017		0	3953	4123	-711	14063	0	14063	1779	15842	50.01
3	5178	94	310	5582	76	5011		0	4293	4179	-608	14240	0	14240	1680	15920	49.96
4	5175	90	310	5575	73	4999		0	4612	4428	-583	14492	0	14492	1627	16119	49.95
5	5366	95	312	5773	109	5108		0	4711	4646	-583	15053	0	15053	1608	16661	50.02
6	5645	90	312	6047	186	5566		0	4918	4922	-669	16052	0	16052	1701	17753	50.00
7	5891	154	312	6357	282	5838		4	5370	5346	-740	17087	0	17087	1788	18875	50.04
8	5935	315	314	6564	248	5913		77	5498	5458	-617	17643	0	17643	1897	19540	49.97
9	5929	190	310	6429	229	5916		318	5499	5657	-710	17839	0	17839	2095	19934	49.98
10	5990	262	304	6556	225	5943		484	5653	6002	-886	18324	0	18324	2384	20708	49.93
11	6133	403	298	6834	180	5890		642	6131	6125	-1045	18626	0	18626	2584	21210	50.00
12	6109	407	284	6800	201	5863		730	6326	6302	-1169	18727	0	18727	2656	21383	49.98
13	6044	212	281	6537	249	5893		760	6031	5997	-1140	18296	0	18296	2626	20922	49.91
14	5996	131	280	6407	395	5892		715	5541	5726	-1075	18060	0	18060	2489	20549	49.95
15	5909	96	289	6294	430	5902		651	5818	5691	-1073	17895	0	17895	2495	20390	49.93
16	5913	96	281	6290	424	5899		367	5629	5525	-1107	17398	0	17398	2493	19891	49.94
17	5809	116	283	6208	331	5759		171	5361	5296	-1122	16643	0	16643	2475	19118	49.95
18	5682	216	286	6184	126	5719		20	5181	4941	-1127	15863	0	15863	2471	18334	49.96
19	5674	261	298	6233	87	5762		0	4965	4956	-1161	15877	0	15877	2579	18456	49.96
20	5520	244	299	6063	111	5605		0	5048	4795	-1183	15391	0	15391	2537	17928	49.97
21	5364	91	293	5748	178	5060		0	4668	5405	-1187	15204	0	15204	2392	17596	49.98
22	5393	91	305	5789	184	4955		0	4417	4418	-1121	14225	0	14225	2257	16482	50.04
23	5442	96	307	5845	213	4696		0	3821	3690	-1007	13437	0	13437	2106	15543	49.97
24	5416	96	296	5808	208	4601		0	3712	3302	-907	13012	0	13012	1985	14997	49.99
MUs	135.84	4.03	7.18	147.05	4.88	131.82		4.94	120.97	120.63	-22.39	386.93	0.00	386.93	52.63	439.56	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 08/Dec/2018

Position as on 6.30 Hrs of 09/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	Poor Coal Receipt	
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	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	08/12/2018	16.02	Drum level low	
IPP	JSW (J) U4	300	07/12/2018	01.15		Continued.	No Schedule.	
MSPGCL	Khaparkheda Unit 4	210	07/12/2018	17.02	08/12/2018	20.15	Oil Leakage Of R-PH CT.	
MSPGCL	Nasik Unit 4	210	08/12/2018	16.40		Continued.	ID Fan B vibration problem.	
MSPGCL	Uran Unit 6	108	09/12/2018	09.41	09/12/2018	14.09	Pre Filter Replacement Work.	
IPP	VIPL U-2	300	09/12/2018	09.54	09/12/2018	15.09	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 09/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	09/12/2018	20.44	PO	Annual Maintenance Work
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/12/2018	08.03	09/12/2018	20.45	PO	Bipole All Maintenance Activities.
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	06/12/2018	18.04		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	08/12/2018	10.00	08/12/2018	18.16	PO	Testing Work
Bhusawal-Aurangabad	IntraState	05/12/2018	19.12	08/12/2018	07.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/12/2018	23.29	08/12/2018	06.59	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	08/12/2018	06.58	08/12/2018	16.48	T	B PH E/F Z1 IB-7.83KA,A/R lockout, K-22.71 KM, 44.45 KM from new koyna.
Main Bus-II @ Koradi	IntraState	08/12/2018	11.21	08/12/2018	13.55	PO	Online Pid Work.
Pune(GIS)-Parli(PG) Ckt 2	IntraState	08/12/2018	14.37	08/12/2018	18.12	EO	Emergency work by PG.
Khadka-Aurangabad (Waluj)	IntraState	08/12/2018	17.08	09/12/2018	07.38	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/12/2018	22.08	09/12/2018	09.20	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/12/2018	17.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/12/2018	20.41		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/12/2018	21.45		Continued.	HT	Over Voltage
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	Differential protection Bucholz, REF, PRV, CTR Relay R PH unit faulty.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	08/12/2018	08.09		Continued.	PO	Oil Filtration 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
Nanded - Parli Ext. Ckt I	IntraState	28/11/2018	05.21		Continued.	HT	TO CONTROL NANDED-NANDED CKT LOADING.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Phursungi-Parvati	IntraState	07/12/2018	01.25	08/12/2018	05.46	EO	Safety Purpose.
Theur-Phursungi	IntraState	07/12/2018	20.34	08/12/2018	05.36	T	Distance Protection, Zone 1, 5.65Km, Sof. R.Y-Phase IF
Boisar II - Tarapur	IntraState	08/12/2018	08.40	08/12/2018	14.07	PO	Line Maintenance work
Solapur(Bale) - Tuljapur	IntraState	08/12/2018	10.27	08/12/2018	12.47	PO	Tan Delta Measurment of CTs
Gadchandur - Virur-I	IntraState	08/12/2018	11.18	08/12/2018	15.35	PO	Tan Delta Measurment of CTs

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 08/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 09/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ambazari-Kalmeshwar	IntraState	08/12/2018	11.54	08/12/2018	17.05	PO	Tan Delta Measurment of CTs
Sahara-Urse	IntraState	08/12/2018	12.30	08/12/2018	19.30	HT	Load managemnet.
Urse - Talegaon (Ambi) Ckt 1	IntraState	08/12/2018	12.36	08/12/2018	19.29	PO	Line Maintenance work
Nashik-Airoli Knowledge Park	IntraState	09/12/2018	00.25	09/12/2018	04.42	HT	Load management.
Goregaon Aarey Line 2	IntraState	09/12/2018	11.03	09/12/2018	15.39	PO	Erection Of Mono Pole At 26 Location.
Urse-Chinchwad	IntraState	09/12/2018	23.52		Continued.	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	09/12/2018	23.56		Continued.	HT	Load Management.
220 KV ICT Outages/Trippings							
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	08/12/2018	09.20	08/12/2018	18.48	PO	Replacement of LV Bushing.
220/132kv 150MVA ICT-II @ Bhenda	IntraState	08/12/2018	10.00	08/12/2018	18.19	PO	Replacement of LV Bushing.

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