

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Dec/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.577	2471.278	1) Gujrat	1.508	24.676
2) Hydro	6.413	88.269	2) Madhya Pradesh	9.209	164.394
3) Gas	7.279	126.337	3) Chattisgarh	5.930	108.030
Total MSPGCL	143.269	2685.884	4) Maharashtra Net	88.082	1635.364
B) 1) APML	69.325	1232.056	5) Goa (Amona)	-0.528	-5.720
2) JSWEL	18.425	320.398	Total	104.201	1926.744
3) VIPL	9.252	160.777	a) Mumbai Schedule	17.949	327.073
4) RPL(AMT)	5.185	201.358	b) Mumbai Drawl	22.959	398.107
5) WPCL	0.000	27.408	c) MSEDCL Bilateral *	16.567	360.170
6) PGPL	0.000	0.000	Include PX	-7.979	-103.450
7) Other IPP	15.370	273.626	d) Mumbai Bilateral *	16.707	325.248
C) 1) TPCL Thermal	13.299	230.389	Include PX	0.757	28.330
2) TPCL Hydro	4.725	62.829	Include Standby	1.243	1.825
3) TPCL Gas	4.058	76.827	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.043	165.733	1) MSEDCL	362.377	6694.407
D) STATE			2) Mumbai Discoms	50.084	933.875
1) Thermal	265.476	5083.023	TOTAL STATE	412.461	7628.282
(A1+C1+C4+(B1-B6))					
2) Hydro	11.138	151.098			
(A2+C2)					
3) Gas	11.337	203.164			
(A3+B6+C3)					
4) Wind	14.609	175.255			
6) SOLAR	5.700	89.008			
TOTAL STATE	308.260	5701.548			

* 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	5859	5880	5415	5109
MSPGCL Hydro	812	198	357	93
MSPGCL Gas	295	288	295	304
MSPGCL Total Generation	6966	6366	6067	5506
Central Sector Receipt	5551	5253	5098	2390
WIND	467	437	422	683
CPP / IPP Thermal	5377	5307	5262	4188
CPP / IPP Gas	0	0	0	0
SOLAR	706	868	0	0
Exchange with Mumbai	-1078	-1119	-1200	-721
MSEDCL DEMAND MET	17989	17112	15649	12046
Load Shedding	0	0	0	0
MSEDCL DEMAND	17989	17112	15649	12046
TPCL GENERATION	1210	1182	1142	688
R-INFRA GENERATION	251	249	197	199
MUMBAI DEMAND	2539	2550	2539	1608
STATE DEMAND MET	20528	19662	18188	13654
STATE DEMAND	20528	19662	18188	13654
Frequency (Hz)	49.98	49.95	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.04 Hrs	49.78 Hz at 19.19 Hrs	49.97	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 18/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.02	9.72	180	43
Unit 7	1.06	13.99	135	0
Unit 8	5.56	133.36	290	70
Unit 9	5.39	96.51	261	70
Unit 10	5.44	129.50	282	160
Total	20.47	383.08		
Bhusawal				
Unit 3	0.00	10.78	0	0
Unit 4	0.00	143.05	0	0
Unit 5	9.56	172.35	500	350
Total	9.56	326.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	11.08	0	0
Unit 7	0.00	37.54	0	0
Unit 8	4.98	88.34	236	190
Total	4.98	136.96		
Chandrapur				
Unit 3	4.30	76.13	190	166
Unit 4	4.17	75.45	186	144
Unit 5	9.32	166.64	415	351
Unit 6	9.96	172.46	455	359
Unit 7	9.38	161.41	440	357
Unit 8	10.28	179.07	470	360
Unit 9	10.38	179.65	472	360
Total	57.80	1010.81		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.24	94.94	255	195
Total	5.24	94.94		
Khaparkheda				
Unit 1	1.90	1.90	135	0
Unit 2	3.96	71.03	175	160
Unit 3	4.15	70.99	205	155
Unit 4	4.18	68.06	210	160
Unit 5	9.10	172.15	450	229
Total	23.29	384.14		
Nasik				
Unit 3	4.10	68.18	191	160
Unit 4	4.12	67.00	198	161
Unit 5	0.00	0.00	0	0
Total	8.22	135.18		
Uran				
All Units	7.28	126.34	319	286
Total	7.28	126.34		
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)	0.11	1.32	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	1.32		
Koyna				
Stage 1-2	1.94	26.04	265	40
Stage 4	0.36	6.09	132	0
Stage 3	0.54	7.35	160	0
Total	2.85	39.48		
Hydro				
KDPH	0.43	8.86	18	18
VTRNA	0.58	4.74	61	0
TILLARI	0.42	3.71	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	2.94	80	0
RNGR+BHTSA	0.31	6.04	14	13
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	7.69	32	21
GHATGHAR	1.10	14.80	250	0
Total	3.56	48.79		
Wind				
Total	14.61	175.26	0	0
Total	14.61	175.26		
CPP				
APML(Mus)	69.32	1232.06	0	0
JSWEL(Mus)	18.42	320.40	0	0
VIPL(Mus)	9.25	160.78	0	0
RPLAMT(Mus)	5.18	201.36	0	0
WPCL(Mus)	0.00	27.41	0	0
Other(Mus)	15.37	273.63	0	0
Total	117.56	2215.62		
SOLAR				
Total	5.70	89.01	0	0
Total	5.70	89.01		
Tata				
Trombay 5	8.28	140.94	469	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.53	48.42	117	64
Trombay 7B	1.53	28.41	68	50
Trombay 8	5.02	89.44	226	203
TATA Hydro	4.72	62.83	425	40
Total	22.08	370.04		
R-INFRA				
DTPS U-1&2	5.04	165.73	252	193
Total	5.04	165.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.58	2471.28	MSPGCL Total	143.27	2685.88
			MSPGCL Thml+Gas	136.86	2597.62	Koyna 1,2 & 4 Total	2.31	32.12
			MSPGCL Hydro	6.41	88.27	State Total	308.26	5701.55

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5109	93	304	5506	683	4188	0	0	2709	2390	-721	12046	0	12046	1608	13654	49.96
2	5083	93	314	5490	825	4220	0	0	2531	2386	-643	12278	0	12278	1493	13771	49.97
3	5116	92	315	5523	829	4218	0	0	2740	2748	-591	12727	0	12727	1418	14145	49.98
4	5109	92	318	5519	711	4223	0	0	2996	2975	-550	12878	0	12878	1373	14251	50.02
5	5140	97	317	5554	675	4300	0	0	3447	3439	-569	13399	0	13399	1388	14787	50.03
6	5314	92	319	5725	638	4546	0	0	4124	4331	-672	14568	0	14568	1492	16060	49.95
7	5675	223	318	6216	630	4915	0	11	4625	4817	-892	15697	0	15697	1742	17439	49.98
8	5942	648	319	6909	506	5311	0	86	4834	5187	-795	17204	0	17204	1895	19099	49.96
9	5951	650	305	6906	441	5433	0	326	4911	5158	-765	17499	0	17499	2162	19661	49.96
10	5866	711	309	6886	379	5383	0	541	5116	5290	-906	17573	0	17573	2398	19971	49.96
11	5859	812	295	6966	467	5377	0	706	5419	5551	-1078	17989	0	17989	2539	20528	49.98
12	5896	679	293	6868	403	5301	0	846	5502	5496	-1144	17770	0	17770	2611	20381	49.96
13	5880	198	288	6366	437	5307	0	868	5490	5253	-1119	17112	0	17112	2550	19662	49.95
14	5728	183	288	6199	479	5279	0	819	5234	5312	-1241	16847	0	16847	2438	19285	50.05
15	5652	153	286	6091	598	5175	0	706	5278	5138	-1254	16454	0	16454	2465	18919	49.95
16	5474	153	286	5913	603	5155	0	515	5107	5302	-1229	16259	0	16259	2476	18735	49.95
17	5419	218	288	5925	567	5178	0	241	4835	5013	-1200	15724	0	15724	2472	18196	49.90
18	5433	200	292	5925	477	5245	0	35	4671	4860	-1209	15333	0	15333	2465	17798	49.95
19	5415	357	295	6067	422	5262	0	0	4664	5098	-1200	15649	0	15649	2539	18188	49.95
20	5259	232	306	5797	547	5159	0	0	4619	4648	-1105	15046	0	15046	2445	17491	49.95
21	5147	143	297	5587	794	4744	0	0	3922	4185	-1152	14158	0	14158	2279	16437	49.97
22	4897	108	310	5315	842	4657	0	0	3686	3572	-1072	13314	0	13314	2117	15431	50.00
23	4676	93	303	5072	823	4597	0	0	3448	3210	-1017	12685	0	12685	1955	14640	50.02
24	4537	93	314	4944	833	4381	0	0	3105	2842	-835	12165	0	12165	1764	13929	50.03
MUs	129.58	6.41	7.28	143.27	14.61	117.56	0.00	5.70	103.01	104.20	-22.96	362.38	0.00	362.38	50.08	412.46	49.97

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 18/Dec/2018

Position as on 6.30 Hrs of 19/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	Khaparkheda Unit 1	210	11/08/2018	23.57	18/12/2018	03.33	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	Koyana Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyana 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.	
IPP	JSW (J) U4	300	07/12/2018	01.15		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/12/2018	16.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
MSPGCL	Bhusawal Unit 4	500	15/12/2018	21.35		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 2	250	17/12/2018	18.28		Continued.	Problem In Primary Air System.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 19/Dec/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	17/12/2018	17.35		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	16/12/2018	17.15		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	17/12/2018	11.17		Continued.	PO	Tan Delta Testing & CB Problem.
Khadka-Aurangabad (Waluj)	IntraState	17/12/2018	18.17	18/12/2018	07.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/12/2018	21.35	18/12/2018	07.23	HT	Over Voltage
Deepnagar Taptitanda	IntraState	18/12/2018	08.00	18/12/2018	13.53	PO	REPLACEMENT OF DEAD END AND MID SPAN JOINTS.
Koradi-RattanIndia	IntraState	18/12/2018	10.23	18/12/2018	14.40	PO	REPLACEMENT OF FLASH OVER INSULATOR STRING AT LOC NO. 148.
Bhusawal-Aurangabad	IntraState	18/12/2018	18.00		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/12/2018	21.50		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	19/12/2018	06.25		Continued.	T	TRIPPED ON Y-PHASE SOTF, R -PHASE SOTF.
Girwali - Lonikand 1	IntraState	19/12/2018	06.25		Continued.	T	TRIPPED ON Y-PHASE SOTF, R -PHASE SOTF.
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.
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	18/12/2018	11.19	18/12/2018	11.32	PO	CAUTION PERMIT FOR NITROGEN FILLING IN CTR.
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 NANNED-NANNED CKT LOADING.
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.
JATH SHEDYAL	IntraState	15/12/2018	22.25		Continued.	HT	Over Voltage
Theur-Jejuri	IntraState	17/12/2018	23.32	18/12/2018	12.59	T	Distance Protection
Ongc Uran - Jnpt	IntraState	18/12/2018	07.15		Continued.	PO	DESTRINGING OF EXISTING CONDUCTOR, NEW CONDUCTOR STRINGING AT LOC NO. 21-26
Kharepatan -Pawas Line	IntraState	18/12/2018	09.12	18/12/2018	18.20	PO	COLD WASHING OF INSULATOR STRING.
Taloja li - OCIL-II	IntraState	18/12/2018	12.43		Continued.	PO	REPLACEMENT OF METERING CTs & PTs AT OCIL END.

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