

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Dec/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.512	1681.103	1) Gujrat	1.475	12.499
2) Hydro	4.118	57.930	2) Madhya Pradesh	8.875	108.717
3) Gas	7.383	82.827	3) Chattisgarh	5.420	73.200
Total MSPGCL	153.013	1821.860	4) Maharashtra Net	92.825	1154.808
B) 1) APML	66.779	829.433	5) Goa (Amona)	-0.154	-3.102
2) JSWEL	18.271	211.890	Total	108.441	1346.122
3) VIPL	8.554	108.731	a) Mumbai Schedule	18.314	223.406
4) RPL(AMT)	14.758	156.156	b) Mumbai Drawl	21.353	275.433
5) WPCL	2.007	23.532	c) MSEDCL Bilateral *	18.702	264.825
6) PGPL	0.000	0.000	Include PX	-7.191	-48.822
7) Other IPP	16.286	179.290	d) Mumbai Bilateral *	18.314	223.406
C) 1) TPCL Thermal	12.345	154.744	Include PX	1.077	23.417
2) TPCL Hydro	5.451	39.972	Include Standby	0.000	0.000
3) TPCL Gas	4.278	51.935	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.258	116.194	1) MSEDCL	376.737	4536.125
D) STATE			2) Mumbai Discoms	52.683	638.272
1) Thermal	289.770	3461.073	TOTAL STATE	429.420	5174.397
(A1+C1+C4+(B1-B6))					
2) Hydro	9.569	97.902			
(A2+C2)					
3) Gas	11.661	134.762			
(A3+B6+C3)					
4) Wind	4.546	75.778			
6) SOLAR	5.435	58.766			
TOTAL STATE	320.981	3828.281			

* 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	6584	6231	6088	5307
MSPGCL Hydro	370	272	94	90
MSPGCL Gas	309	289	303	315
MSPGCL Total Generation	7264	6792	6484	5712
Central Sector Receipt	5340	5262	4797	3102
WIND	184	258	176	109
CPP / IPP Thermal	6024	5552	5527	4662
CPP / IPP Gas	0	0	0	0
SOLAR	706	803	0	0
Exchange with Mumbai	-1220	-1204	-1160	-590
MSEDCL DEMAND MET	18297	17462	15825	12995
Load Shedding	0	0	0	0
MSEDCL DEMAND	18297	17462	15825	12995
TPCL GENERATION	1047	1109	1123	736
R-INFRA GENERATION	402	374	373	374
MUMBAI DEMAND	2669	2687	2656	1700
STATE DEMAND MET	20966	20149	18481	14695
STATE DEMAND	20966	20149	18481	14695
Frequency (Hz)	49.97	49.90	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 05.34 Hrs	49.68 Hz at 07.37 Hrs	49.96	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 12/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	9.10	96.52	450	300
Unit 9	8.80	57.82	402	300
Unit 10	8.70	93.87	410	289
Total	26.60	254.86		
Bhusawal				
Unit 3	2.62	6.49	165	0
Unit 4	9.26	116.49	500	350
Unit 5	9.30	116.10	500	350
Total	21.19	239.08		
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	4.80	59.34	227	184
Total	4.80	107.96		
Chandrapur				
Unit 3	4.26	50.92	190	163
Unit 4	4.19	50.27	188	160
Unit 5	9.01	111.35	400	360
Unit 6	9.80	114.12	455	365
Unit 7	7.58	107.67	335	300
Unit 8	9.74	118.69	450	360
Unit 9	10.07	119.28	470	360
Total	54.65	672.30		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.14	63.63	250	197
Total	5.14	63.63		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.91	47.11	180	155
Unit 3	4.01	46.55	190	160
Unit 4	4.08	43.09	202	160
Unit 5	9.52	114.20	440	380
Total	21.52	250.96		
Nasik				
Unit 3	3.48	49.61	191	0
Unit 4	4.14	42.71	199	158
Unit 5	0.00	0.00	0	0
Total	7.61	92.32		
Uran				
All Units	7.38	82.83	326	286
Total	7.38	82.83		
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)	0.06	0.96	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.96		
Koyna				
Stage 1-2	1.12	17.54	95	40
Stage 4	0.09	5.72	46	0
Stage 3	0.20	5.19	80	0
Total	1.40	28.46		
Hydro				
KDPH	0.44	5.30	19	19
VTRNA	0.36	1.65	60	0
TILLARI	0.00	3.29	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	1.82	80	0
RNGR+BHTSA	0.28	4.20	15	0
BHANDARDRA	0.01	0.01	12	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	4.01	28	16
GHATGHAR	0.91	9.19	125	0
Total	2.71	29.47		
Wind				
Total	4.55	75.78	0	0
Total	4.55	75.78		
CPP				
APML(Mus)	66.78	829.43	0	0
JSWEL(Mus)	18.27	211.89	0	0
VIPL(Mus)	8.55	108.73	0	0
RPLAMT(Mus)	14.76	156.16	0	0
WPCL(Mus)	2.01	23.53	0	0
Other(Mus)	16.29	179.29	0	0
Total	126.66	1509.03		
SOLAR				
Total	5.44	58.77	0	0
Total	5.44	58.77		
Tata				
Trombay 5	7.36	95.18	310	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	32.85	115	91
Trombay 7B	1.58	19.08	67	60
Trombay 8	4.99	59.56	227	202
TATA Hydro	5.45	39.97	415	0
Total	22.07	246.65		
R-INFRA				
DTPS U-1&2	9.26	116.19	501	372
Total	9.26	116.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.51	1681.10	MSPGCL Total	153.01	1821.86
			MSPGCL Thml+Gas	148.90	1763.93	Koyna 1,2 & 4 Total	1.21	23.26
			MSPGCL Hydro	4.12	57.93	State Total	320.98	3828.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5307	90	315	5712	109	4662	0	0	3313	3102	-590	12995	0	12995	1700	14695	49.99
2	5322	90	315	5728	121	4667	0	0	3387	3550	-481	13584	0	13584	1571	15155	49.99
3	5305	90	316	5712	145	4682	0	0	3797	3642	-442	13739	0	13739	1502	15241	50.00
4	5318	96	316	5730	191	4681	0	0	4013	3750	-420	13932	0	13932	1461	15393	50.00
5	5363	90	326	5780	150	4761	0	0	4273	4253	-443	14501	0	14501	1473	15974	49.99
6	5740	96	317	6152	103	5044	0	0	4540	4972	-557	15715	0	15715	1611	17326	50.02
7	6138	96	316	6550	120	5562	0	9	5257	5094	-708	16627	0	16627	1781	18408	49.95
8	6491	240	317	7048	156	5961	0	78	5206	5109	-704	17648	0	17648	1949	19597	49.85
9	6587	392	315	7294	164	6101	0	296	5178	4744	-757	17843	0	17843	2229	20072	49.91
10	6571	400	313	7284	173	6176	0	570	5329	4960	-906	18256	0	18256	2494	20750	49.90
11	6584	370	309	7264	184	6024	0	706	5480	5340	-1220	18297	0	18297	2669	20966	49.97
12	6617	330	306	7254	189	5698	0	813	5578	5362	-1249	18067	0	18067	2729	20796	49.99
13	6231	272	289	6792	258	5552	0	803	5338	5262	-1204	17462	0	17462	2687	20149	49.90
14	6101	270	297	6668	327	5303	0	784	5303	5412	-1120	17374	0	17374	2574	19948	49.98
15	6081	214	286	6582	311	5290	0	571	5242	5245	-1139	16860	0	16860	2588	19448	49.91
16	6080	120	297	6496	242	5315	0	393	5255	5275	-1140	16582	0	16582	2610	19192	49.92
17	6084	76	289	6448	202	5275	0	388	5123	5116	-1127	16303	0	16303	2606	18909	49.88
18	6105	94	301	6500	173	5346	0	24	4767	4727	-1099	15671	0	15671	2596	18267	49.95
19	6088	94	303	6484	176	5527	0	0	4713	4797	-1160	15825	0	15825	2656	18481	49.98
20	5767	180	305	6252	185	5306	0	0	4574	4627	-1106	15264	0	15264	2575	17839	49.92
21	5685	96	297	6078	211	4958	0	0	4061	4134	-1083	14298	0	14298	2404	16702	49.98
22	5367	134	308	5810	178	4855	0	0	3608	3862	-1021	13683	0	13683	2246	15929	50.01
23	5302	94	309	5706	223	5017	0	0	3153	3196	-921	13221	0	13221	2077	15298	50.01
24	5278	94	321	5694	255	4891	0	0	3380	2910	-756	12994	0	12994	1897	14891	50.01
MUs	141.51	4.12	7.38	153.01	4.55	126.66	0.00	5.43	109.87	108.44	-21.35	376.74	0.00	376.74	52.69	429.42	49.96

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 12/Dec/2018

Position as on 6.30 Hrs of 13/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	Khaparkhedda 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	12/12/2018	05.08	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	02/12/2018	22.01		Continued.	Turbine bearing Vibration high	
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	Nasik Unit 3	210	12/12/2018	20.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 13/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 II	InterState	06/12/2018	18.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/12/2018	18.56	12/12/2018	06.40	HT	Over Voltage
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	11/12/2018	02.46		Continued.	T	Due To B-Ph CT Burst.
Lonikand I - Koyna stage-IV	IntraState	11/12/2018	22.59	12/12/2018	06.32	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/12/2018	23.54		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/12/2018	17.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/12/2018	22.37		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.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	13/12/2018	06.04		Continued.	EO	Attending Hot Spot
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.	EO	To control load on Padgha ICTs.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	EO	To control load on Padgha ICTs.
Niwali - Pawas Line	IntraState	12/12/2018	08.52	12/12/2018	18.18	PO	Cold washing of insulator string
Uran - Jnpt	IntraState	12/12/2018	11.00		Continued.	PO	Destrining work for shifting of 220kv ongc-jnpt line
Topworth - Kharghar	IntraState	12/12/2018	12.38		Continued.	PO	Line Isolator maintance work
220 KV ICT Outages/Trippings							
220/16.5KV, 315MVA GT-III at Paras	IntraState	11/12/2018	10.00		Continued.	PO	Bucchholz MALFUNCTION OF GT.
220/22 Kv 50 Mva Imp Ptr 1 @Airoli Knowledge Park	IntraState	12/12/2018	10.20	12/12/2018	17.03	PO	Diagnostic Testing
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	12/12/2018	10.35	12/12/2018	16.30	PO	Annual testing work
220/132kv 100MVA ICT-2 @ Baramati	IntraState	12/12/2018	11.05	12/12/2018	16.15	PO	Diagnostic testing
220/22 Kv 50mva Telk Ptr No 2 @Chinchwad	IntraState	12/12/2018	13.21	12/12/2018	21.46	T	Tripped on Buccholz
132 KV LINE Outages/Trippings							
Boisar li - Palghar 1	IntraState	12/12/2018	10.44		Continued.	PO	Diognostic Testing

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