

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Dec/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.082	3366.090	1) Gujrat	3.984	116.427
2) Hydro	12.387	367.075	2) Madhya Pradesh	11.697	265.558
3) Gas	5.658	166.139	3) Chattisgarh	7.250	168.690
Total MSPGCL	151.127	3899.304	4) Maharashtra	130.611	2971.831
B) 1) APMIL	72.610	1725.212	5) Goa (Amona)	-0.660	-17.226
2) JSWEL	23.640	550.848	Total	152.882	3505.280
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.256	671.875
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.680	716.481
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	30.128	682.082
6) Other IPP	13.770	347.940	Include PX	6.606	129.470
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.256	671.875
C) 1) TPCL Thermal	9.608	241.103	Include PX	12.134	270.122
2) TPCL Hydro	2.971	121.324	Standby	0.000	0.000
3) TPCL Gas	2.570	69.438	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.627	266.605	1) MSEDCL	394.330	9692.073
D) STATE			2) Mumbai Discoms	53.456	1414.951
1) Thermal	263.337	6497.798	TOTAL STATE	447.786	11107.024
(A1+C1+C4+(B1-B6))					
2) Hydro	15.358	488.399			
(A2+C2)					
3) Gas	8.228	235.577			
(A3+B7+C3)					
4) Wind	4.136	253.780			
6) SOLAR	3.845	126.190			
TOTAL STATE	294.904	7601.744			

* 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	5873	5844	5858	4945
MSPGCL Hydro	1158	1008	262	84
MSPGCL Gas	285	243	222	233
MSPGCL Total Generation	7316	7094	6342	5262
Central Sector Receipt	7716	7518	5981	5230
WIND	159	111	119	108
CPP / IPP Thermal	4903	4870	4870	4093
CPP / IPP Gas	0	0	0	0
SOLAR	681	701	0	0
Exchange with Mumbai	-1273	-1369	-1200	-1343
MSEDCL DEMAND MET	19502	18926	16112	13350
Load Shedding	0	0	0	0
MSEDCL DEMAND	19502	18926	16112	13350
TPCL GENERATION	852	732	859	417
AEML GENERATION	498	498	500	373
MUMBAI DEMAND	2623	2599	2559	2133
STATE DEMAND MET	22124	21524	18672	15484
STATE DEMAND	22124	21524	18672	15484
Frequency (Hz)	49.99	50.01	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.73 Hz at 19.21 Hrs	49.99	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 25/Dec/2019

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	10.05	280.15	490	340
Unit 9	11.52	284.29	525	380
Unit 10	0.00	161.26	0	0
Total	21.57	725.69		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.82	159.10	480	355
Unit 5	0.00	200.48	0	0
Total	9.82	359.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.47	135.79	250	190
Unit 7	5.43	109.12	248	188
Unit 8	5.40	103.64	250	187
Total	16.29	348.54		
Chandrapur				
Unit 3	4.34	105.79	190	163
Unit 4	0.00	81.14	0	0
Unit 5	8.61	218.14	370	348
Unit 6	10.33	232.23	480	358
Unit 7	0.00	0.00	0	0
Unit 8	10.41	260.44	470	360
Unit 9	10.34	258.70	475	360
Total	44.02	1156.44		
Paras				
Unit 3	5.40	67.41	250	187
Unit 4	5.26	68.46	250	190
Total	10.66	135.87		
Khaparkheda				
Unit 1	4.06	61.50	180	150
Unit 2	4.14	65.26	190	150
Unit 3	4.20	65.91	195	158
Unit 4	4.30	101.76	195	160
Unit 5	9.86	245.34	455	360
Total	26.56	539.78		
Nasik				
Unit 3	4.16	53.43	196	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	46.76	0	0
Total	4.16	100.19		
Uran				
All Units	5.66	166.14	302	211
Total	5.66	166.14		
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)	0.09	1.86	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	1.86		
Koyna				
Stage 1-2	3.99	102.58	440	35
Stage 4	4.25	167.47	500	0
Stage 3	2.06	57.30	240	0
Total	10.30	327.35		
Hydro				
KDPH	0.26	2.30	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	3.80	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	7.23	80	0
RNGR+BHTSA	0.37	9.39	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	7.56	25	14
GHATGHAR	0.38	9.44	125	0
Total	2.09	39.73		
Wind				
Total	4.14	253.78	0	0
Total	4.14	253.78		
CPP				
APML(Mus)	72.61	1725.21	0	0
JSWEL(Mus)	23.64	550.85	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)	13.77	347.94	0	0
Total	110.02	2624.00		
SOLAR				
Total	3.84	126.19	0	0
Total	3.84	126.19		
Tata				
Trombay 5	9.61	241.00	477	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	40.00	63	57
Trombay 7B	1.15	29.44	51	46
Trombay 8	0.00	0.10	0	0
TATA Hydro	2.97	121.32	284	0
Total	15.15	431.86		
AEML				
DTPS U-1&2	10.63	266.60	500	372
Total	10.63	266.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.08	3366.09	MSPGCL Total	151.13	3899.30
			MSPGCL Thml+Gas	138.74	3532.23	Koyna 1,2 & 4 Total	8.24	270.05
			MSPGCL Hydro	12.39	367.08	State Total	294.90	7601.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Dec/2019

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	5148	64	214	5426	425	4090	0	0	5732	5764	-1253	14452	0	14452	2048	16500	50.01
2	5173	64	225	5462	353	4077	0	0	5634	5530	-1121	14301	0	14301	1920	16221	49.98
3	5169	74	224	5467	318	4086	0	0	5539	5335	-1018	14188	0	14188	1817	16005	50.00
4	4988	134	215	5337	240	4085	0	0	5472	5605	-950	14317	0	14317	1749	16066	49.98
5	5243	349	224	5816	186	4174	0	0	5523	5680	-944	14912	0	14912	1739	16651	49.97
6	5708	109	214	6031	216	4567	0	0	6194	6218	-999	16033	0	16033	1807	17840	50.01
7	5887	69	235	6191	221	4696	0	0	6857	6584	-867	16825	0	16825	1878	18703	50.01
8	5984	687	265	6936	275	4677	0	48	6895	6714	-772	17878	0	17878	1940	19818	49.97
9	5860	1191	302	7353	279	4805	0	199	6787	6765	-889	18512	0	18512	2104	20616	49.90
10	5898	1235	291	7424	185	4899	0	376	6772	6664	-1060	18488	0	18488	2336	20824	49.94
11	5885	1404	278	7566	156	4879	0	602	7126	7197	-1203	19198	0	19198	2535	21732	49.99
12	5873	1158	285	7316	159	4903	0	681	7726	7716	-1273	19502	0	19502	2623	22124	49.99
13	5844	1008	243	7094	111	4870	0	701	7561	7518	-1369	18926	0	18926	2599	21524	50.01
14	5847	692	222	6762	67	4901	0	526	7630	7729	-1219	18766	0	18766	2456	21222	49.99
15	5832	970	212	7014	38	4898	0	362	7569	7189	-1231	18270	0	18270	2448	20718	49.99
16	5810	786	223	6818	61	4894	0	222	7450	7514	-1128	18382	0	18382	2454	20836	50.00
17	5811	766	232	6808	93	4925	0	113	6628	6838	-1126	17652	0	17652	2457	20108	49.99
18	5840	776	222	6838	90	4913	0	15	5997	5907	-1144	16620	0	16620	2480	19100	50.02
19	5858	262	222	6342	119	4870	0	0	6018	5981	-1200	16112	0	16112	2559	18672	50.01
20	5608	132	221	5962	151	4786	0	0	5996	5905	-1310	15494	0	15494	2516	18010	49.93
21	4966	94	211	5272	75	4470	0	0	5815	5844	-1404	14256	0	14256	2376	16632	50.00
22	4943	190	221	5354	117	4259	0	0	5812	5732	-1443	14018	0	14018	2278	16296	50.01
23	4962	90	224	5276	93	4203	0	0	5665	5723	-1414	13880	0	13880	2204	16084	49.98
24	4945	84	233	5262	108	4093	0	0	5558	5230	-1343	13350	0	13350	2133	15484	50.02
MUs	133.08	12.39	5.66	151.13	4.14	110.02	0.00	3.85	153.96	152.88	-27.68	394.33	0.00	394.33	53.46	447.79	49.99

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 25/Dec/2019

Position as on 6.30 Hrs of 26/Dec/2019

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	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
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	
TPC_G	Trombay 8	250	01/12/2019	00.50		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Uran Unit 5	108	18/12/2019	13.01		Continued.	Turbine bearing Vibration high	
MSPGCL	Koradi Unit 10	660	21/12/2019	16.57		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Dec/2019

Position as on 6.30 Hrs of 26/Dec/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	23/12/2019	15.39	26/12/2019	04.01	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	26/12/2019	00.45		Continued.	RAPH A motor drive trip	
AEML	AEML Unit 1	250	26/12/2019	00.58		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2019

Statement-VII

Position as on 6.30 Hrs of 26/Dec/2019

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	24/12/2019	18.21		Continued.	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	25/12/2019	10.21	25/12/2019	18.33	PO	RRS Scheme for ICT Testing
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	25/12/2019	16.28	25/12/2019	23.59	T	Over Voltage
Chakan Talegaon(Pg)	InterState	26/12/2019	04.16		Continued.	T	Distance Protection
Akola - Bhusawal	IntraState	18/12/2019	19.00		Continued.	PO	Restraining for Railway work
Chandrapur - Khaperkheda	IntraState	25/12/2019	09.21	25/12/2019	18.38	PO	Flashover String replacement work
Padghe - Kalwa-II	IntraState	25/12/2019	10.31		Continued.	PO	MMRDA Shifting/Height raising construction work
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.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	24/12/2019	17.30	25/12/2019	17.28	T	First Time Charging of LV CB 202, Tripped On NDR While Charging.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	25/12/2019	10.14	25/12/2019	18.14	PO	RRS Scheme for ICT Testing
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	25/12/2019	09.26	25/12/2019	17.29	PO	Routine Maintenance Work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur(MIDC)-Ballarshah I	IntraState	25/12/2019	08.00	25/12/2019	13.33	PO	Tan Delta Measurment of CTs
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	25/12/2019	09.09	25/12/2019	18.50	PO	Disk Insulator replacement work
Koradi-Ambazari-Ii	IntraState	25/12/2019	09.27	25/12/2019	18.24	PO	Isolator Alignment work
OSMANABAD BARSHI	IntraState	25/12/2019	10.15	25/12/2019	17.02	PO	Conductor replacement work
Chandrapur(MIDC)-Ballarshah II	IntraState	25/12/2019	13.40	25/12/2019	17.56	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Vijay Ict 2 @Jalna	IntraState	20/12/2019	10.55	25/12/2019	11.31	PO	Overhauling servicing Of OLTC OF ICT & Testing/Routine Maintenance Work.
220/33kv 125 Mva Transformer 5 @Aarey R/S	IntraState	25/12/2019	15.01	25/12/2019	17.27	EO	To attend Hot Spot

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