

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Nov/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.126	2468.582	1) Gujrat	1.702	1.057
2) Hydro	8.900	188.426	2) Madhya Pradesh	16.616	225.201
3) Gas	10.343	210.749	3) Chattisgarh	7.780	153.820
Total MSPGCL	140.369	2867.757	4) Maharashtra Net	129.540	2511.946
B) 1) APML	41.946	1076.157	5) Goa (Amona)	-0.902	-16.610
2) JSWEL	23.069	478.629	Total	154.736	2875.414
3) VIPL	13.700	268.558	a) Mumbai Schedule	23.000	420.063
4) RPL(AMT)	11.728	286.044	b) Mumbai Drawl	28.856	520.326
5) WPCL	3.106	4.715	c) MSEDCL Bilateral *	55.504	851.792
6) PGPL	0.000	0.000	Include PX	13.979	119.168
7) Other IPP	13.167	214.294	d) Mumbai Bilateral *	23.000	420.063
C) 1) TPCL Thermal	9.649	289.211	Include PX	3.296	42.485
2) TPCL Hydro	5.440	73.756	Include Standby	0.000	0.000
3) TPCL Gas	4.353	88.345	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.597	218.689	1) MSEDCL	379.034	7767.746
D) STATE			2) Mumbai Discoms	58.895	1190.331
1) Thermal	248.088	5304.879	TOTAL STATE	437.929	8958.077
(A1+C1+C4+(B1-B6))					
2) Hydro	14.340	262.182			
(A2+C2)					
3) Gas	14.696	299.094			
(A3+B6+C3)					
4) Wind	3.608	150.355			
6) SOLAR	2.461	66.149			
TOTAL STATE	283.193	6082.659			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5184	5189	5167	4627
MSPGCL Hydro	585	773	916	121
MSPGCL Gas	431	414	425	433
MSPGCL Total Generation	6200	6376	6508	5181
Central Sector Receipt	8190	7856	6013	4826
WIND	192	160	48	183
CPP / IPP Thermal	4559	4836	4895	3755
CPP / IPP Gas	0	0	0	0
SOLAR	389	135	0	0
Exchange with Mumbai	-1437	-1297	-1287	-1131
MSEDCL DEMAND MET	18093	18066	16177	12814
Load Shedding	0	0	0	0
MSEDCL DEMAND	18093	18066	16177	12814
TPCL GENERATION	1109	1128	1102	497
R-INFRA GENERATION	502	502	504	375
MUMBAI DEMAND	3048	2927	2893	2003
STATE DEMAND MET	21141	20994	19070	14817
STATE DEMAND	21141	20994	19070	14817
Frequency (Hz)	49.95	49.89	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.76 Hz at 06.25 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 21/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	11.41	155.04	486	461
Unit 10	10.94	240.16	485	415
Total	22.35	441.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.44	179.20	355	350
Unit 5	8.50	180.83	365	350
Total	16.94	360.04		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	35.15	229	188
Unit 7	0.00	35.52	0	0
Unit 8	4.02	85.58	174	164
Total	9.11	156.25		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.41	191.28	405	343
Unit 7	10.38	179.97	459	359
Unit 8	10.51	183.91	451	360
Unit 9	10.52	175.33	455	360
Total	40.82	733.69		
Paras				
Unit 3	5.07	108.85	240	188
Unit 4	5.16	110.79	238	186
Total	10.23	219.64		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	0.00	73.24	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.65	78.51	155	148
Unit 5	9.67	171.64	450	350
Total	13.32	388.27		
Nasik				
Unit 3	4.20	18.31	190	160
Unit 4	4.15	87.82	183	159
Unit 5	0.00	62.90	0	0
Total	8.36	169.02		
Uran				
All Units	10.34	210.75	455	402
Total	10.34	210.75		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	2.84	16	0
Total	0.02	2.84		
Koyna				
Stage 1-2	4.00	72.36	395	40
Stage 4	1.05	47.02	221	0
Stage 3	1.66	26.81	174	0
Total	6.70	146.19		
Hydro				
KDPH	0.42	5.92	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.38	5.96	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	4.48	77	0
RNGR+BHTSA	0.39	8.00	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.74	9.66	31	30
GHATGHAR	0.00	7.94	0	0
Total	2.20	42.24		
Wind				
Total	3.61	150.36	0	0
Total	3.61	150.36		
CPP				
APML(Mus)	41.95	1076.16	0	0
JSWEL(Mus)	23.07	478.63	0	0
VIPL(Mus)	13.70	268.56	0	0
RPLAMT(Mus)	11.73	286.04	0	0
WPCL(Mus)	3.11	4.72	0	0
Other(Mus)	13.17	214.29	0	0
Total	106.72	2328.40		
SOLAR				
Total	2.46	66.15	0	0
Total	2.46	66.15		
Tata				
Trombay 5	9.65	195.76	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	55.60	116	106
Trombay 7B	1.61	32.75	68	64
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.44	73.76	459	0
Total	19.44	451.31		
R-INFRA				
DTPS U-1&2	10.60	218.69	504	375
Total	10.60	218.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.13	2468.58	MSPGCL Total	140.37	2867.76
			MSPGCL Thml+Gas	131.47	2679.33	Koyna 1,2 & 4 Total	5.05	119.38
			MSPGCL Hydro	8.90	188.43	State Total	283.19	6082.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Nov/2017

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	4627	121	433	5181	183	3755	0	0	5060	4826	-1131	12814	0	12814	2003	14817	50.00
2	4681	116	443	5240	171	3842	0	0	5187	5167	-967	13453	0	13453	1840	15293	49.97
3	4911	116	434	5461	137	3904	0	0	5228	5300	-865	13937	0	13937	1738	15675	49.97
4	4956	116	443	5515	158	3922	0	0	5282	5247	-795	14047	0	14047	1669	15716	49.97
5	5009	111	445	5565	226	3973	0	0	5451	5653	-795	14622	0	14622	1670	16292	49.99
6	5075	110	433	5618	237	4326	0	0	6123	6340	-917	15604	0	15604	1791	17395	49.99
7	5053	170	455	5678	213	4687	0	2	7071	6782	-981	16381	0	16381	1954	18335	49.92
8	5164	120	433	5717	197	4964	0	48	7030	6914	-889	16951	0	16951	2133	19084	49.94
9	5164	313	444	5921	149	4967	0	152	6465	6764	-1100	16853	0	16853	2423	19276	49.99
10	5175	306	429	5910	147	4619	0	229	6685	6766	-1272	16399	0	16399	2739	19138	49.96
11	5210	617	435	6262	197	4601	0	346	7251	7193	-1417	17182	0	17182	2972	20154	49.99
12	5184	585	431	6200	192	4559	0	389	7939	8190	-1437	18093	0	18093	3048	21141	49.95
13	5192	492	418	6102	113	4506	0	509	7916	8104	-1357	17978	0	17978	2989	20966	49.98
14	5191	455	415	6061	94	4560	0	340	7843	8019	-1300	17774	0	17774	2884	20658	50.00
15	5171	445	402	6018	93	4739	0	253	7797	8042	-1295	17850	0	17850	2922	20772	49.92
16	5189	773	414	6376	160	4836	0	135	7744	7856	-1297	18066	0	18066	2927	20994	49.89
17	5173	779	427	6379	99	4842	0	47	7372	7451	-1288	17530	0	17530	2919	20449	49.91
18	5168	602	422	6192	75	4916	0	11	6571	6812	-1251	16755	0	16755	2868	19623	49.95
19	5167	916	425	6508	48	4895	0	0	5649	6013	-1287	16177	0	16177	2893	19070	49.99
20	5097	697	437	6231	85	4710	0	0	5652	5794	-1412	15408	0	15408	2785	18193	50.00
21	4952	420	427	5799	158	4314	0	0	5412	5645	-1490	14426	0	14426	2654	17080	49.98
22	4965	314	439	5718	166	4150	0	0	5273	5462	-1498	13998	0	13998	2486	16484	50.01
23	4890	103	431	5424	141	4079	0	0	5149	5400	-1464	13580	0	13580	2362	15942	49.97
24	4762	103	428	5293	169	4047	0	0	5075	4996	-1351	13154	0	13154	2226	15380	49.99
MUs	121.13	8.90	10.34	140.37	3.61	106.72	0.00	2.46	152.22	154.74	-28.86	379.03	0.00	379.03	58.90	437.93	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 21/Nov/2017

Position as on 6.30 Hrs of 22/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
TPC_G	Trombay 8	250	18/11/2017	19.40		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02	22/11/2017	00.17	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Ghatghar Unit-1	125	13/11/2017	19.45	21/11/2017	21.00	COMPRESSER PROBLEM.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Nov/2017

Position as on 6.30 Hrs of 22/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40		Continued.	Due to heavy leakage in seal air duct.	
MSPGCL	Khaparkheda Unit 2	210	20/11/2017	12.14		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	20/11/2017	21.00		Continued.	Coal Shortage	
CPP	IEPL Unit 1	270	21/11/2017	09.26	21/11/2017	13.09	ID Fan Problem	
CPP	IEPL Unit 1	270	21/11/2017	23.50		Continued.	Turbine vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 22/Nov/2017

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	20/11/2017	19.07	21/11/2017	06.29	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	21/11/2017	09.11	21/11/2017	18.11	PO	Quarterly Maintainance Work
Wardha (Pg) Warora I	InterState	21/11/2017	09.28	21/11/2017	18.34	PO	Routine Maintenance Work
Wardha (PG)-Warora II	InterState	21/11/2017	09.29	21/11/2017	18.55	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	21/11/2017	19.05		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/11/2017	17.44	21/11/2017	09.00	HT	Over Voltage
karad -kolhapur-I	IntraState	18/11/2017	20.07	21/11/2017	08.50	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	20/11/2017	11.54	21/11/2017	08.42	PO	Quarterly Maintainance Work
Ektuni-Bableshtar ckt II	IntraState	20/11/2017	16.02		Continued.	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	20/11/2017	18.47	21/11/2017	06.12	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/11/2017	23.59	21/11/2017	06.08	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	21/11/2017	11.15		Continued.	PO	Routine Maintenance Work
Karad-Jaigad - I	IntraState	21/11/2017	18.06		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	21/11/2017	18.15		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/11/2017	18.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	21/11/2017	09.17	21/11/2017	20.11	PO	Routine Maintenance Work
765/400KV 1500MVA ICT-II @ Koradi-III	IntraState	21/11/2017	10.13	21/11/2017	15.19	PO	bay equipment maintenance 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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection RY phase fault.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Talandge-Hamidwada	IntraState	21/11/2017	09.54		Continued.	PO	insulator cleaning work.
Karad - Kadegaon	IntraState	21/11/2017	09.54	21/11/2017	17.55	PO	Testing Work
Bhugaon- Wardha	IntraState	21/11/2017	14.56	21/11/2017	15.38	EO	Attending Hot Spot
Parli 3 (Oldgcr)-Harangul Ckt I	IntraState	21/11/2017	18.07	21/11/2017	18.20	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	21/11/2017	11.20	21/11/2017	16.12	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							

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 21/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 22/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Yawal - Chopda	IntraState	21/11/2017	21.00	21/11/2017	21.12	T	Distance Protection