

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Nov/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.346	2587.928	1) Gujrat	0.930	1.987
2) Hydro	7.608	196.034	2) Madhya Pradesh	14.750	239.951
3) Gas	10.292	221.041	3) Chattisgarh	7.770	161.590
Total MSPGCL	137.246	3005.003	4) Maharashtra Net	136.608	2648.554
B) 1) APML	43.930	1120.087	5) Goa (Amona)	-0.814	-17.424
2) JSWEL	22.302	500.931	Total	159.244	3034.658
3) VIPL	10.788	279.346	a) Mumbai Schedule	24.429	444.492
4) RPL(AMT)	12.091	298.135	b) Mumbai Drawl	28.774	549.100
5) WPCL	3.967	8.682	c) MSEDCL Bilateral *	51.720	903.512
6) PGPL	0.000	0.000	Include PX	14.641	133.809
7) Other IPP	11.600	225.894	d) Mumbai Bilateral *	24.429	444.492
C) 1) TPCL Thermal	9.945	299.156	Include PX	4.900	47.385
2) TPCL Hydro	5.240	78.996	Include Standby	0.000	0.000
3) TPCL Gas	4.379	92.724	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.861	229.550	1) MSEDCL	378.085	8145.831
D) STATE			2) Mumbai Discoms	59.199	1249.530
1) Thermal	244.830	5549.709	TOTAL STATE	437.284	9395.361
(A1+C1+C4+(B1-B6))					
2) Hydro	12.848	275.030			
(A2+C2)					
3) Gas	14.671	313.765			
(A3+B6+C3)					
4) Wind	3.021	153.376			
6) SOLAR	2.670	68.819			
TOTAL STATE	278.040	6360.699			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5094	5090	5111	4502
MSPGCL Hydro	902	338	338	126
MSPGCL Gas	418	412	421	425
MSPGCL Total Generation	6414	5840	5870	5053
Central Sector Receipt	8158	8752	6530	5322
WIND	79	88	176	208
CPP / IPP Thermal	4558	4467	4628	3755
CPP / IPP Gas	0	0	0	0
SOLAR	344	311	0	0
Exchange with Mumbai	-1477	-1365	-1262	-1309
MSEDCL DEMAND MET	18076	18093	15942	13029
Load Shedding	0	0	0	0
MSEDCL DEMAND	18076	18093	15942	13029
TPCL GENERATION	1105	1095	1106	500
R-INFRA GENERATION	502	502	502	376
MUMBAI DEMAND	3084	2962	2870	2185
STATE DEMAND MET	21160	21055	18812	15214
STATE DEMAND	21160	21055	18812	15214
Frequency (Hz)	49.96	49.97	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22.00 Hrs	49.79 Hz at 06.27 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 22/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	9.98	165.02	473	346
Unit 10	9.86	250.02	485	349
Total	19.84	461.51		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.44	187.65	360	340
Unit 5	8.49	189.32	365	350
Total	16.94	376.97		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.04	40.19	223	185
Unit 7	0.00	35.52	0	0
Unit 8	4.06	89.64	174	163
Total	9.10	165.35		
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	9.35	200.63	400	344
Unit 7	10.46	190.44	452	348
Unit 8	10.30	194.21	455	355
Unit 9	10.36	185.69	450	360
Total	40.48	774.17		
Paras				
Unit 3	5.37	114.22	250	186
Unit 4	5.61	116.40	252	188
Total	10.98	230.62		
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	3.72	82.23	160	150
Unit 5	10.09	181.73	445	350
Total	13.81	402.08		
Nasik				
Unit 3	4.08	22.39	179	158
Unit 4	4.13	91.94	183	163
Unit 5	0.00	62.90	0	0
Total	8.21	177.23		
Uran				
All Units	10.29	221.04	450	412
Total	10.29	221.04		
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)	0.02	2.86	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.86		
Koyna				
Stage 1-2	2.24	74.60	340	40
Stage 4	1.58	48.60	245	0
Stage 3	0.54	27.35	140	0
Total	4.36	150.55		
Hydro				
KDPH	0.64	6.56	36	18
VTRNA	0.00	0.28	0	0
TILLARI	0.24	6.21	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	4.79	80	0
RNGR+BHTSA	0.40	8.40	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.72	10.38	30	29
GHATGHAR	0.94	8.88	125	0
Total	3.25	45.49		
Wind				
Total	3.02	153.38	0	0
Total	3.02	153.38		
CPP				
APML(Mus)	43.93	1120.09	0	0
JSWEL(Mus)	22.30	500.93	0	0
VIPL(Mus)	10.79	279.35	0	0
RPLAMT(Mus)	12.09	298.14	0	0
WPCL(Mus)	3.97	8.68	0	0
Other(Mus)	11.60	225.89	0	0
Total	104.68	2433.08		
SOLAR				
Total	2.67	68.82	0	0
Total	2.67	68.82		
Tata				
Trombay 5	9.94	205.71	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	58.36	116	114
Trombay 7B	1.62	34.37	68	67
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.24	79.00	440	0
Total	19.56	470.88		
R-INFRA				
DTPS U-1&2	10.86	229.55	509	369
Total	10.86	229.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.35	2587.93	MSPGCL Total	137.25	3005.00
			MSPGCL Thml+Gas	129.64	2808.97	Koyna 1,2 & 4 Total	3.82	123.20
			MSPGCL Hydro	7.61	196.03	State Total	278.04	6360.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4769	110	450	5329	188	3854	0	0	5237	5218	-1169	13420	0	13420	2044	15464	49.98
2	4840	110	429	5379	101	3823	0	0	5258	5482	-1014	13771	0	13771	1880	15651	50.01
3	4941	115	431	5487	111	4002	0	0	5309	5408	-910	14098	0	14098	1784	15882	50.00
4	4949	105	441	5495	97	4039	0	0	5298	5581	-835	14378	0	14378	1708	16086	49.98
5	4953	110	441	5504	88	4181	0	0	5605	5893	-830	14836	0	14836	1704	16540	50.01
6	4929	190	432	5551	111	4392	0	0	6108	6107	-853	15308	0	15308	1830	17138	49.94
7	4991	338	442	5771	78	4584	0	1	6846	6570	-777	16227	0	16227	2000	18227	49.94
8	5065	345	442	5852	81	4797	0	57	6959	7142	-919	17010	0	17010	2161	19171	49.96
9	5034	390	431	5855	68	4835	0	186	6927	7073	-1092	16925	0	16925	2411	19336	49.98
10	5029	650	435	6114	74	4575	0	319	6822	7006	-1273	16815	0	16815	2775	19590	49.98
11	4969	823	425	6217	88	4565	0	402	7386	7133	-1415	16990	0	16990	3004	19994	49.91
12	5094	902	418	6414	79	4558	0	344	8182	8158	-1477	18076	0	18076	3084	21160	49.96
13	5093	712	414	6219	72	4488	0	359	8226	8114	-1435	17817	0	17817	3043	20860	49.92
14	5075	532	412	6019	54	4463	0	365	8135	8235	-1359	17777	0	17777	2934	20711	50.00
15	5090	338	412	5840	88	4467	0	311	8197	8752	-1365	18093	0	18093	2962	21055	49.97
16	5122	278	423	5823	127	4435	0	212	8339	7783	-1387	16993	0	16993	2961	19954	49.94
17	5130	247	416	5793	114	4455	0	105	7766	7818	-1306	16979	0	16979	2904	19883	49.91
18	5108	189	419	5716	167	4472	0	9	7162	7037	-1246	16156	0	16156	2843	18999	49.92
19	5111	338	421	5870	176	4628	0	0	6183	6530	-1262	15942	0	15942	2870	18812	49.99
20	5018	287	423	5728	230	4540	0	0	6052	6094	-1262	15330	0	15330	2769	18098	49.96
21	5027	125	426	5578	197	4558	0	0	5589	5650	-1394	14589	0	14589	2595	17184	50.02
22	4912	127	442	5481	166	4211	0	0	5629	5577	-1454	13981	0	13981	2442	16423	50.04
23	4595	121	442	5158	258	4000	0	0	5664	5560	-1431	13545	0	13545	2306	15851	50.00
24	4502	126	425	5053	208	3755	0	0	5461	5322	-1309	13029	0	13029	2185	15214	49.99
MUs	119.35	7.61	10.29	137.25	3.02	104.68	0.00	2.67	158.34	159.24	-28.77	378.08	0.00	378.08	59.20	437.28	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 22/Nov/2017

Position as on 6.30 Hrs of 23/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Nov/2017

Position as on 6.30 Hrs of 23/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
IPP	JSW (J) U3	300	22/11/2017	08.58	22/11/2017	16.09	electrical fault	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 23/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 II	InterState	21/11/2017	19.05	22/11/2017	10.26	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/11/2017	18.05		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	20/11/2017	16.02		Continued.	EO	Attending Hot Spot
Ektuni-Bableshwar ckt II	IntraState	21/11/2017	11.15	22/11/2017	11.32	PO	Routine Maintenance Work
Karad-Jaigad - I	IntraState	21/11/2017	18.06	22/11/2017	10.44	HT	Over Voltage
karad -kolhapur-II	IntraState	21/11/2017	18.15	22/11/2017	10.27	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/11/2017	18.19	22/11/2017	08.34	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	22/11/2017	09.32	22/11/2017	10.39	HT	hand Tripped for load relief
Chandrapur II- Warora ckt II	IntraState	22/11/2017	10.57	22/11/2017	14.33	PO	Diagnostic testing work
Nagothane - Dabhol-II	IntraState	22/11/2017	12.57	22/11/2017	19.51	EO	Tree cutting work
Karad - Jaigad - II	IntraState	22/11/2017	18.14		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/11/2017	18.19		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/11/2017	18.20		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/11/2017	00.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	22/11/2017	11.01		Continued.	PO	Routine 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.
Solapur(PG)- Jeur	InterState	22/11/2017	09.46	22/11/2017	18.40	PO	Insulator Replacement Work
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.
Bhugaon-WardhaPG (Deoli)	IntraState	22/11/2017	07.49		Continued.	PO	Taken on TBC
Uran - Kharghar 2	IntraState	22/11/2017	08.38		Continued.	PO	Line Maintenance work
Talandge-Hamidwada	IntraState	22/11/2017	09.00	22/11/2017	17.23	PO	Insulator cleaning Work
Mahad - Pedambe	IntraState	22/11/2017	13.55	22/11/2017	15.21	PO	Attending Oil Leakage
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
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	22/11/2017	03.34		Continued.	T	Differential protection

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