

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.567	2999.467	1) Gujrat	-1.670	67.208
2) Hydro	8.446	166.213	2) Madhya Pradesh	12.721	343.554
3) Gas	9.981	200.520	3) Chattisgarh	5.580	124.200
Total MSPGCL	143.994	3366.200	4) Maharashtra Net	88.346	2109.581
B) 1) APML	40.777	1020.888	5) Goa (Amona)	0.000	-8.800
2) JSWEL	14.500	316.036	Total	104.977	2635.743
3) VIPL	6.552	141.272	a) Mumbai Schedule	18.735	473.082
4) RPL(AMT)	0.000	206.443	b) Mumbai Drawl	26.345	578.354
5) WPCL	2.006	63.866	c) MSEDCL Bilateral *	7.951	426.423
6) PGPL	0.000	0.000	Include PX	-5.931	65.699
7) Other IPP	4.328	79.140	d) Mumbai Bilateral *	18.735	473.082
C) 1) TPCL Thermal	13.541	320.298	Include PX	4.754	144.602
2) TPCL Hydro	5.403	100.167	Include Standby	0.000	0.000
3) TPCL Gas	3.457	81.149	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.644	223.353	1) MSEDCL	312.674	7880.194
D) STATE			2) Mumbai Discoms	58.390	1303.316
1) Thermal	216.915	5370.763	TOTAL STATE	371.064	9183.510
(A1+C1+C4+(B1-B6))					
2) Hydro	13.849	266.380			
(A2+C2)					
3) Gas	13.438	281.669			
(A3+B6+C3)					
4) Wind	20.297	591.288			
6) SOLAR	1.588	37.672			
TOTAL STATE	266.087	6547.772			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5133	5057	5914	4651
MSPGCL Hydro	555	173	820	146
MSPGCL Gas	418	410	402	423
MSPGCL Total Generation	6106	5640	7136	5220
Central Sector Receipt	5737	5062	4267	3594
WIND	710	946	952	667
CPP / IPP Thermal	2826	2708	3117	2463
CPP / IPP Gas	0	0	0	0
SOLAR	154	216	0	0
Exchange with Mumbai	-1426	-1626	-1058	-521
MSEDCL DEMAND MET	14107	12946	14414	11423
Load Shedding	0	0	0	0
MSEDCL DEMAND	14107	12946	14414	11423
TPCL GENERATION	957	965	1245	698
R-INFRA GENERATION	374	373	500	375
MUMBAI DEMAND	2757	2964	2803	1594
STATE DEMAND MET	16864	15910	17217	13017
STATE DEMAND	16864	15910	17217	13017
Frequency (Hz)	49.99	49.99	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 19.00 Hrs	49.76 Hz at 19.17 Hrs	49.98	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/Aug/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	3.52	19.52	160	130
Unit 8	8.03	159.51	380	300
Unit 9	7.93	245.30	373	301
Unit 10	8.18	251.97	390	320
Total	27.67	676.30		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	41.22	0	0
Unit 4	9.53	233.80	480	355
Unit 5	9.58	57.30	490	360
Total	19.12	332.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.03	59.05	250	188
Unit 7	4.98	32.81	252	187
Unit 8	0.00	0.00	0	0
Total	10.02	91.87		
Chandrapur				
Unit 3	2.51	85.43	200	0
Unit 4	4.21	95.69	190	133
Unit 5	9.43	185.80	425	360
Unit 6	8.81	196.15	405	335
Unit 7	9.64	215.22	450	350
Unit 8	10.45	210.10	500	360
Unit 9	0.00	189.50	0	0
Total	45.06	1177.90		
Paras				
Unit 3	5.11	119.73	244	190
Unit 4	5.13	120.15	250	188
Total	10.24	239.88		
Khaparkheda				
Unit 1	2.78	57.68	140	45
Unit 2	3.54	57.24	175	115
Unit 3	2.77	52.72	159	77
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	9.10	383.97		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.38	57.30	200	164
Unit 5	0.00	1.46	0	0
Total	4.38	97.22		
Uran				
All Units	9.98	200.52	433	397
Total	9.98	200.52		
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)	0.00	1.15	0	0
Total	0.00	1.15		
Koyna				
Stage 1-2	3.22	59.91	480	40
Stage 4	1.06	40.35	449	0
Stage 3	1.27	29.21	160	0
Total	5.55	129.46		
Hydro				
KDPH	0.43	3.43	34	0
VTRNA	1.12	7.73	61	0
TILLARI	0.12	0.91	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	8.76	80	0
RNGR+BHTSA	0.38	3.11	16	15
BHANDARDRA	0.27	7.47	12	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	5.34	7	6
GHATGHAR	0.00	0.00	0	0
Total	2.89	36.75		
Wind				
Total	20.30	591.29	0	0
Total	20.30	591.29		
CPP				
APML(Mus)	40.78	1020.89	0	0
JSWEL(Mus)	14.50	316.04	0	0
VIPL(Mus)	6.55	141.27	0	0
RPLAMT(Mus)	0.00	206.44	0	0
WPCL(Mus)	2.01	63.87	0	0
Other(Mus)	4.33	79.14	0	0
Total	68.16	1827.64		
SOLAR				
Total	1.59	37.67	0	0
Total	1.59	37.67		
Tata				
Trombay 5	8.47	204.57	485	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.07	49.62	115	61
Trombay 7B	1.39	31.53	67	47
Trombay 8	5.07	115.73	250	200
TATA Hydro	5.40	100.17	421	0
Total	22.40	501.61		
R-INFRA				
DTPS U-1&2	9.64	223.35	506	373
Total	9.64	223.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.57	2999.47	MSPGCL Total	143.99	3366.20
			MSPGCL Thml+Gas	135.55	3199.99	Koyna 1,2 & 4 Total	4.28	100.26
			MSPGCL Hydro	8.45	166.21	State Total	266.09	6547.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Aug/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	4975	136	423	5534	612	2899	0	0	3450	3640	-821	11864	0	11864	1902	13766	49.97
2	4757	136	423	5316	690	2755	0	0	3772	3568	-718	11611	0	11611	1769	13380	50.00
3	4669	136	433	5238	683	2629	0	0	3782	3531	-592	11489	0	11489	1645	13134	50.00
4	4651	146	423	5220	667	2463	0	0	3705	3594	-521	11423	0	11423	1594	13017	50.01
5	4675	141	413	5229	773	2385	0	0	3992	3934	-532	11789	0	11789	1603	13392	49.97
6	4881	256	424	5561	742	2515	0	0	4074	4576	-644	12750	0	12750	1718	14468	49.99
7	5441	141	433	6015	848	2933	0	5	4812	4579	-840	13540	0	13540	1952	15492	49.97
8	5377	143	423	5943	746	3131	0	43	5008	4871	-941	13793	0	13793	2077	15870	50.00
9	5052	396	421	5869	668	3048	0	99	5265	5337	-1305	13716	0	13716	2473	16189	50.01
10	5133	555	418	6106	710	2826	0	154	5243	5737	-1426	14107	0	14107	2757	16864	49.99
11	5387	333	419	6139	852	3035	0	206	5274	4877	-1647	13462	0	13462	2950	16412	49.99
12	5034	201	416	5651	952	2963	0	191	5482	5194	-1696	13255	0	13255	3028	16283	50.00
13	5057	173	410	5640	946	2708	0	216	5203	5062	-1626	12946	0	12946	2964	15910	49.99
14	5156	112	399	5667	1000	2590	0	227	4715	4884	-1527	12841	0	12841	2881	15722	50.01
15	5190	196	405	5791	1116	2604	0	155	4673	4717	-1527	12856	0	12856	2919	15774	49.92
16	5158	146	410	5714	1098	2657	0	147	4632	4713	-1527	12802	0	12802	2930	15732	49.98
17	5141	546	397	6084	1224	2665	0	97	4136	4338	-1503	12905	0	12905	2903	15808	49.99
18	5264	289	412	5965	1175	2709	0	47	4318	4478	-1448	12926	0	12926	2843	15769	49.98
19	5750	484	421	6655	1096	3000	0	1	3809	4003	-1238	13517	0	13517	2713	16230	49.94
20	5914	820	402	7136	952	3117	0	0	4385	4267	-1058	14414	0	14414	2803	17217	49.96
21	5877	1050	415	7342	801	3130	0	0	3858	3996	-897	14372	0	14372	2674	17046	49.94
22	5778	845	415	7038	678	3130	0	0	3857	3887	-782	13951	0	13951	2554	16505	49.95
23	5640	647	413	6700	630	3138	0	0	3724	3603	-700	13371	0	13371	2418	15789	49.92
24	5610	418	413	6441	638	3133	0	0	3774	3591	-829	12974	0	12974	2320	15294	49.97
MUs	125.57	8.45	9.98	143.99	20.30	68.16	0.00	1.59	104.94	104.98	-26.34	312.67	0.00	312.67	58.39	371.06	49.98

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/Aug/2017

Position as on 6.30 Hrs of 23/Aug/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 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		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.	Shutdown	
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.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
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	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	JSW (J) U4	300	05/08/2017	20.30		Continued.	Turbine shaft Vibration high.	

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

Position as on 6.30 Hrs of 23/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00		Continued.	ID Fan Problem converted to zero schedule from 19:00Hrs of 11.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.zero schedule from 15.08.2017.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
CPP	SWPGL U-4	135	11/08/2017	23.23	23/08/2017	01.41	Y ph ct of bhugaoan ckt burst.	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
MSPGCL	Chandrapur Unit 3	210	19/08/2017	23.15	22/08/2017	05.51	Turbine high pressure control wall Problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-3	270	20/08/2017	18.11		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-5	270	21/08/2017	03.05		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-1	270	21/08/2017	05.22		Continued.	Zero Schedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	21/08/2017	16.04		Continued.	Due to poor coal Receipt.	
MSPGCL	Bhusawal Unit 3	210	21/08/2017	23.44		Continued.	Zero Schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 23/Aug/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	20/08/2017	23.04	23/08/2017	06.22	T	Distance Protection
Ektuni-Bableshwar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
Bhusawal-Aurangabad	IntraState	19/08/2017	16.45		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	20/08/2017	04.11		Continued.	T	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	20/08/2017	04.11		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	20/08/2017	15.07		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	21/08/2017	15.15	22/08/2017	08.52	PO	Quarterly Maintanance Work
Lonikand I - Koyna stage-IV	IntraState	22/08/2017	01.08	22/08/2017	06.35	HT	Over Voltage
Kalwa - Kharghar	IntraState	22/08/2017	06.29	22/08/2017	10.22	EO	Attending Hot Spot
karad -kolhapur-I	IntraState	22/08/2017	20.14		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	08/08/2017	06.15		Continued.	PO	REPLACEMENT OF Y PHASE UNIT(outage for 11 Days)
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
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.
Mahalakshmi Amona	InterState	22/08/2017	02.31	22/08/2017	06.47	T	Over Voltage
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.
Miraj - Tilwani	IntraState	22/08/2017	09.35	22/08/2017	19.13	PO	Line Maintenance work
Osmanabad - Solapur (Bale)	IntraState	22/08/2017	14.38	22/08/2017	16.55	EO	Emergency outage on Bus PT
Padegaon-Sawangi	IntraState	22/08/2017	14.50	22/08/2017	17.54	PO	To attend Flashover String
Vankuswadi- Ajinkyatara	IntraState	22/08/2017	23.27		Continued.	T	Distance Protection
Vankuswade - Kdph	IntraState	23/08/2017	00.05		Continued.	T	Distance Protection
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)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	22/08/2017	06.15	22/08/2017	10.32	EO	To attend Hot Spot
220/132kv 100MVA ICT II @Satara Midc	IntraState	22/08/2017	10.10	22/08/2017	15.35	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Beed - Raimoha	IntraState	22/08/2017	15.29		Continued.	T	Distance Protection

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