

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Aug/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.278	241.327	1) Gujrat	6.926	13.780
2) Hydro	5.417	12.828	2) Madhya Pradesh	19.634	38.817
3) Gas	9.962	19.935	3) Chattisgarh	6.120	12.930
Total MSPGCL	135.657	274.090	4) Maharashtra Net	99.571	196.799
B) 1) APML	56.625	115.713	5) Goa (Amona)	-0.528	-0.968
2) JSWEL	14.961	29.984	Total	131.723	261.358
3) VIPL	4.386	4.386	a) Mumbai Schedule	23.390	45.947
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.810	53.576
5) WPCL	4.353	7.191	c) MSEDCL Bilateral *	24.098	42.026
6) PGPL	0.000	0.000	Include PX	8.095	11.255
7) Other IPP	3.578	6.810	d) Mumbai Bilateral *	23.390	45.947
C) 1) TPCL Thermal	13.939	29.243	Include PX	9.413	22.151
2) TPCL Hydro	4.785	11.052	Include Standby	0.000	0.000
3) TPCL Gas	4.019	8.400	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.952	20.358	1) MSEDCL	358.496	713.116
D) STATE			2) Mumbai Discoms	61.505	122.629
1) Thermal	228.072	455.012	TOTAL STATE	420.001	835.745
(A1+C1+C4+(B1-B6))					
2) Hydro	10.202	23.880			
(A2+C2)					
3) Gas	13.981	28.335			
(A3+B6+C3)					
4) Wind	34.357	63.585			
6) SOLAR	1.666	3.575			
TOTAL STATE	288.278	574.387			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5405	5319	5153	4740
MSPGCL Hydro	195	156	374	137
MSPGCL Gas	426	412	425	426
MSPGCL Total Generation	6026	5887	5952	5303
Central Sector Receipt	6197	6266	4924	4756
WIND	1572	1423	1542	1154
CPP / IPP Thermal	3600	3600	3652	3240
CPP / IPP Gas	0	0	0	0
SOLAR	183	182	0	0
Exchange with Mumbai	-1521	-1559	-1000	-810
MSEDCL DEMAND MET	16057	15799	15070	13643
Load Shedding	0	0	0	0
MSEDCL DEMAND	16057	15799	15070	13643
TPCL GENERATION	1117	1125	1248	612
R-INFRA GENERATION	500	447	500	376
MUMBAI DEMAND	3138	3131	2748	1798
STATE DEMAND MET	19195	18930	17818	15441
STATE DEMAND	19195	18930	17818	15441
Frequency (Hz)	49.99	50.05	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 08.02 Hrs	49.82 Hz at 17.36 Hrs	50	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 02/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	0.00	0.00	0	0
Unit 8	11.81	21.31	550	455
Unit 9	11.11	23.30	500	427
Unit 10	11.28	23.70	550	329
Total	34.19	68.32		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.22	21.14	505	350
Unit 5	0.00	0.00	0	0
Total	10.22	21.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.63	9.32	200	168
Unit 4	4.35	8.64	186	170
Unit 5	0.00	0.00	0	0
Unit 6	9.32	18.76	416	360
Unit 7	10.39	20.65	451	384
Unit 8	10.98	21.74	500	360
Unit 9	10.52	20.85	500	373
Total	50.19	99.96		
Paras				
Unit 3	5.44	10.94	250	192
Unit 4	5.37	10.83	247	189
Total	10.81	21.77		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.72	21.70	500	360
Total	10.72	21.70		
Nasik				
Unit 3	4.15	8.44	195	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.15	8.44		
Uran				
All Units	9.96	19.94	426	401
Total	9.96	19.94		
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)	0.09	0.16	37	0
Total	0.09	0.16		
Koyna				
Stage 1-2	1.56	4.34	185	40
Stage 4	0.00	0.00	0	0
Stage 3	0.76	1.65	80	0
Total	2.32	5.98		
Hydro				
KDPH	0.40	1.25	37	0
VTRNA	1.08	2.18	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	0.92	80	0
RNGR+BHTSA	0.40	0.80	17	16
BHANDARDRA	0.34	0.69	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	0.89	19	18
GHATGHAR	0.00	0.00	0	0
Total	3.10	6.84		
Wind				
Total	34.36	63.58	0	0
Total	34.36	63.58		
CPP				
APML(Mus)	56.62	115.71	0	0
JSWEL(Mus)	14.96	29.98	0	0
VIPL(Mus)	4.39	4.39	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.35	7.19	0	0
Other(Mus)	3.58	6.81	0	0
Total	83.90	164.08		
SOLAR				
Total	1.67	3.58	0	0
Total	1.67	3.58		
Tata				
Trombay 5	8.76	18.63	479	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	5.26	116	64
Trombay 7B	1.53	3.14	68	51
Trombay 8	5.18	10.61	246	198
TATA Hydro	4.78	11.05	390	2
Total	22.74	48.70		
R-INFRA				
DTPS U-1&2	9.95	20.36	502	373
Total	9.95	20.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.28	241.33	MSPGCL Total	135.66	274.09
			MSPGCL Thml+Gas	130.24	261.26	Koyna 1,2 & 4 Total	1.56	4.34
			MSPGCL Hydro	5.42	12.83	State Total	288.28	574.39

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/Aug/2017

Annexure-2

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	4875	220	416	5511	1253	3167	0	0	4658	4969	-952	13948	0	13948	2152	16100	49.98
2	4673	127	414	5214	1234	3153	0	0	4593	5148	-950	13799	0	13799	1970	15769	49.98
3	4777	132	415	5324	1291	3214	0	0	4564	4708	-891	13646	0	13646	1880	15526	50.01
4	4740	137	426	5303	1154	3240	0	0	4538	4756	-810	13643	0	13643	1798	15441	49.95
5	4655	132	415	5202	1155	3280	0	0	4786	5037	-811	13863	0	13863	1798	15661	49.97
6	4783	187	406	5376	1128	3419	0	0	5509	5492	-890	14525	0	14525	1882	16407	49.98
7	5036	242	416	5694	823	3529	0	14	6160	6535	-983	15612	0	15612	2093	17705	50.02
8	5222	394	417	6033	830	3539	0	66	6239	6624	-859	16233	0	16233	2234	18467	50.04
9	5338	339	425	6102	1027	3552	0	158	6417	6520	-1052	16307	0	16307	2644	18951	50.05
10	5359	347	413	6119	1239	3566	0	163	6122	6021	-1257	15851	0	15851	2901	18752	49.98
11	5402	357	419	6178	1446	3577	0	170	6065	5765	-1488	15648	0	15648	3106	18754	49.98
12	5405	195	426	6026	1572	3600	0	183	6400	6197	-1521	16057	0	16057	3138	19195	49.99
13	5319	156	412	5887	1423	3600	0	182	6339	6266	-1559	15799	0	15799	3131	18930	50.05
14	5285	151	401	5837	1551	3656	0	184	5984	5831	-1474	15585	0	15585	2988	18573	50.06
15	5198	155	410	5763	1889	3686	0	172	5991	5790	-1599	15701	0	15701	3028	18729	49.88
16	5010	155	409	5574	2008	3638	0	168	5928	5758	-1585	15561	0	15561	3030	18591	50.01
17	4667	165	423	5255	2197	3616	0	133	5362	5646	-1572	15275	0	15275	3014	18289	50.04
18	4476	199	412	5087	1915	3338	0	60	5118	5641	-1478	14563	0	14563	2904	17467	50.01
19	4622	192	413	5227	1977	3273	0	13	5049	5543	-1463	14570	0	14570	2850	17420	50.04
20	5069	284	402	5755	1747	3573	0	0	5103	4920	-1358	14637	0	14637	2828	17465	49.93
21	5153	374	425	5952	1542	3652	0	0	4762	4924	-1000	15070	0	15070	2748	17818	49.99
22	5113	239	414	5766	1461	3668	0	0	4592	4500	-999	14396	0	14396	2602	16998	50.02
23	5181	234	416	5831	1316	3688	0	0	4392	4532	-1092	14275	0	14275	2444	16719	50.00
24	4920	304	417	5641	1179	3679	0	0	4254	4599	-1167	13931	0	13931	2342	16273	49.99
MUs	120.28	5.42	9.96	135.66	34.36	83.90	0.00	1.67	128.93	131.72	-28.81	358.50	0.00	358.50	61.50	420.00	50.00

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 02/Aug/2017

Position as on 6.30 Hrs of 03/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.	
MSPGCL	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
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	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
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.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Aug/2017

Position as on 6.30 Hrs of 03/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
IPP	VIPL U-2	300	30/07/2017	11.02	02/08/2017	04.27	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	31/07/2017	01.25		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	01/08/2017	08.22		Continued.	Boiler Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 03/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 II	InterState	02/08/2017	02.12	02/08/2017	07.01	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/08/2017	14.12		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
Karad-Jaigad - I	IntraState	28/07/2017	17.00	02/08/2017	10.47	HT	Over Voltage
karad -kolhapur-I	IntraState	29/07/2017	19.55	02/08/2017	09.07	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/08/2017	21.05	02/08/2017	09.05	T	Over Voltage
Deepnagar Taptitanda	IntraState	02/08/2017	06.56	02/08/2017	19.17	PO	Fixing of Damaged Spacers cum vibration Dampers
Bhusawal-Aurangabad	IntraState	02/08/2017	21.51	03/08/2017	06.47	HT	Over Voltage
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) South Solapur I	InterState	02/08/2017	16.11	02/08/2017	18.25	PO	Quarterly Maintanance Work
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer 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
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
khaparkheda-Khaparkheda(new)-I	IntraState	02/08/2017	08.39	02/08/2017	10.35	EO	To attend Hot Spot
Ghodbunder - Versova	IntraState	02/08/2017	09.47	02/08/2017	18.33	PO	Isolator Maint.work
Chandrapur GCR - Sicom II	IntraState	02/08/2017	10.30	02/08/2017	16.28	PO	Tree Cutting work
Kalmeshwar-Pandhurna	IntraState	02/08/2017	11.22		Continued.	PO	work at Pandhurna end
Butibori - Wardha	IntraState	02/08/2017	11.23	02/08/2017	19.13	PO	Tan Delta Measurment of CTs
Kandalgaon - Koyna	IntraState	02/08/2017	12.05	02/08/2017	16.50	PO	Routine Maintenance Work
Bhandara-Sunflag 2	IntraState	02/08/2017	12.18	02/08/2017	17.06	PO	Relay Retrofitting work
Trombay - Mulund	IntraState	02/08/2017	12.20	02/08/2017	18.03	PO	Line Maintenance work
Miraj - Mhaishal	IntraState	02/08/2017	13.21	02/08/2017	15.41	EO	To attend Hot Spot
Padegaon-Sawangi	IntraState	02/08/2017	17.50	03/08/2017	02.06	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)
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	02/08/2017	10.10	02/08/2017	13.50	PO	Routine Maintenance Work

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