

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Aug/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	167.116	2477.898	1) Gujrat	0.736	79.299
2) Hydro	3.298	141.708	2) Madhya Pradesh	11.059	303.853
3) Gas	8.738	177.416	3) Chattisgarh	4.640	106.100
Total MSPGCL	179.152	2797.022	4) Maharashtra Net	98.092	1788.243
B) 1) APML	44.805	869.791	5) Goa (Amona)	-0.352	-8.228
2) JSWEL	13.994	261.567	Total	114.175	2269.267
3) VIPL	7.465	117.212	a) Mumbai Schedule	23.605	398.585
4) RPL(AMT)	21.413	168.233	b) Mumbai Drawl	32.278	473.271
5) WPCL	2.192	55.094	c) MSEDCL Bilateral *	13.439	388.174
6) PGPL	0.000	0.000	Include PX	0.718	79.439
7) Other IPP	4.064	62.700	d) Mumbai Bilateral *	23.605	398.585
C) 1) TPCL Thermal	13.612	268.595	Include PX	7.518	124.135
2) TPCL Hydro	5.479	84.211	Include Standby	0.000	0.000
3) TPCL Gas	2.317	69.031	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.160	186.413	1) MSEDCL	376.101	6623.061
D) STATE			2) Mumbai Discoms	62.846	1081.516
1) Thermal	283.821	4467.503	TOTAL STATE	438.947	7704.577
(A1+C1+C4+(B1-B6))					
2) Hydro	8.777	225.919			
(A2+C2)					
3) Gas	11.055	246.447			
(A3+B6+C3)					
4) Wind	19.725	462.846			
6) SOLAR	1.394	32.600			
TOTAL STATE	324.772	5435.315			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7551	7412	6918	6182
MSPGCL Hydro	229	362	145	97
MSPGCL Gas	365	374	351	386
MSPGCL Total Generation	8145	8148	7414	6665
Central Sector Receipt	5504	5505	4425	4120
WIND	822	582	692	1191
CPP / IPP Thermal	4167	3850	4184	3522
CPP / IPP Gas	0	0	0	0
SOLAR	85	191	0	0
Exchange with Mumbai	-1409	-1731	-1323	-885
MSEDCL DEMAND MET	17314	16545	15392	14613
Load Shedding	29	0	0	0
MSEDCL DEMAND	17343	16545	15392	14613
TPCL GENERATION	918	1087	1123	607
R-INFRA GENERATION	374	373	451	375
MUMBAI DEMAND	2701	3191	2897	1867
STATE DEMAND MET	20015	19736	18289	16480
STATE DEMAND	20044	19736	18289	16480
Frequency (Hz)	49.97	50.01	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.01 Hrs	49.78 Hz at 06.57 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 18/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	3.51	6.77	160	89
Unit 8	12.63	126.22	581	460
Unit 9	12.67	212.56	577	466
Unit 10	12.69	218.67	620	446
Total	41.50	564.22		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.24	29.01	190	170
Unit 4	11.00	196.23	505	360
Unit 5	10.92	19.43	500	360
Total	26.16	244.67		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.13	39.56	84	0
Unit 7	5.46	13.44	248	191
Unit 8	0.00	0.00	0	0
Total	5.59	53.01		
Chandrapur				
Unit 3	4.48	82.92	205	15
Unit 4	4.49	78.92	191	170
Unit 5	9.87	149.13	425	365
Unit 6	9.29	161.25	410	360
Unit 7	9.82	178.26	432	365
Unit 8	10.90	170.64	474	363
Unit 9	6.61	189.50	499	0
Total	55.46	1010.62		
Paras				
Unit 3	5.62	99.89	255	190
Unit 4	5.65	100.30	255	191
Total	11.27	200.18		
Khaparkheda				
Unit 1	3.70	45.21	180	115
Unit 2	4.14	42.57	190	155
Unit 3	3.84	38.94	165	147
Unit 4	0.00	0.00	0	0
Unit 5	11.37	198.21	500	360
Total	23.04	324.93		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.10	40.35	200	160
Unit 5	0.00	1.46	0	0
Total	4.10	80.27		
Uran				
All Units	8.74	177.42	387	336
Total	8.74	177.42		
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	1.02	0	0
Total	0.00	1.02		
Koyna				
Stage 1-2	1.60	50.99	290	40
Stage 4	0.00	38.31	0	0
Stage 3	0.80	25.00	160	0
Total	2.40	114.30		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.00	5.18	0	0
TILLARI	0.00	0.79	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	7.15	80	0
RNGR+BHTSA	0.00	2.14	0	0
BHANDARDRA	0.34	6.16	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	4.74	7	6
GHATGHAR	0.00	0.00	0	0
Total	0.89	27.41		
Wind				
Total	19.72	462.85	0	0
Total	19.72	462.85		
CPP				
APML(Mus)	44.80	869.79	0	0
JSWEL(Mus)	13.99	261.57	0	0
VIPL(Mus)	7.46	117.21	0	0
RPLAMT(Mus)	21.41	168.23	0	0
WPCL(Mus)	2.19	55.09	0	0
Other(Mus)	4.06	62.70	0	0
Total	93.93	1534.60		
SOLAR				
Total	1.39	32.60	0	0
Total	1.39	32.60		
Tata				
Trombay 5	8.73	172.49	464	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.27	42.49	54	52
Trombay 7B	1.05	26.54	44	43
Trombay 8	4.88	96.11	246	197
TATA Hydro	5.48	84.21	387	13
Total	21.41	421.84		
R-INFRA				
DTPS U-1&2	9.16	186.41	478	373
Total	9.16	186.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	167.12	2477.90	MSPGCL Total	179.15	2797.02
			MSPGCL Thml+Gas	175.85	2655.31	Koyna 1,2 & 4 Total	1.60	89.30
			MSPGCL Hydro	3.30	141.71	State Total	324.77	5435.32

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	7013	67	367	7447	1053	3764	0	0	4082	4114	-1200	15178	0	15178	2213	17391	49.94
2	6603	67	386	7056	1147	3652	0	0	3980	4008	-1063	14800	0	14800	2048	16848	49.98
3	6310	82	366	6758	1238	3503	0	0	3953	4068	-949	14618	0	14618	1932	16550	49.93
4	6182	97	386	6665	1191	3522	0	0	3920	4120	-885	14613	0	14613	1867	16480	49.98
5	6166	87	367	6620	1196	3504	0	0	4391	4465	-871	14914	0	14914	1854	16768	49.94
6	6698	62	365	7125	926	3658	0	0	4729	4797	-947	15559	0	15559	1947	17506	49.94
7	7391	167	387	7945	906	4080	0	9	5247	4975	-1066	16849	41	16890	2118	19008	49.87
8	7512	225	366	8103	847	4162	0	37	5302	5511	-1104	17556	35	17591	2277	19868	49.92
9	7551	229	365	8145	822	4167	0	85	5579	5504	-1409	17314	29	17343	2701	20044	49.97
10	7496	250	384	8130	768	3994	0	123	5637	5022	-1459	16578	16	16594	2899	19493	49.96
11	7536	146	365	8047	874	3806	0	221	5748	5174	-1748	16374	0	16374	3182	19556	50.01
12	7528	158	374	8060	720	3843	0	165	5717	5603	-1778	16613	0	16613	3215	19828	49.98
13	7412	362	374	8148	582	3850	0	191	5361	5505	-1731	16545	0	16545	3191	19736	50.01
14	7360	175	364	7899	683	3861	0	168	5316	5302	-1552	16361	0	16361	3015	19376	50.02
15	7246	140	373	7759	728	3861	0	123	5321	5306	-1595	16182	0	16182	3057	19239	49.97
16	7143	245	364	7752	709	3877	0	114	5315	5381	-1617	16216	0	16216	3074	19290	49.98
17	6889	104	367	7360	623	4108	0	102	4981	4907	-1618	15482	0	15482	3046	18528	50.04
18	6559	85	354	6998	860	3902	0	47	4956	5178	-1673	15312	0	15312	2985	18297	50.02
19	6616	90	367	7073	690	3952	0	9	4977	4830	-1591	14963	0	14963	2896	17859	49.99
20	6918	145	351	7414	692	4184	0	0	4673	4425	-1323	15392	0	15392	2897	18289	49.97
21	6928	120	337	7385	724	4194	0	0	4244	4072	-1153	15222	0	15222	2825	18047	49.98
22	6848	75	337	7260	547	4113	0	0	3951	3869	-1190	14599	0	14599	2609	17208	50.01
23	6674	60	336	7070	549	4184	0	0	3957	4028	-1306	14525	0	14525	2549	17074	49.99
24	6537	60	336	6933	650	4190	0	0	4011	4011	-1450	14334	0	14334	2449	16783	50.00
MUs	167.1 2	3.30	8.74	179.15	19.72	93.93	0.00	1.39	115.35	114.17	-32.28	376.10	0.12	376.22	62.85	439.07	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 18/Aug/2017

Position as on 6.30 Hrs of 19/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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.	
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Aug/2017

Position as on 6.30 Hrs of 19/Aug/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	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.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
CPP	SWPGL U-4	135	11/08/2017	23.23		Continued.	Y ph ct of bhugoan ckt burst.	
MSPGCL	Parli Unit 6	250	17/08/2017	06.32	18/08/2017	22.06	bus trip.	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
MSPGCL	Uran Unit B0	120	19/08/2017	00.15		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	19/08/2017	00.15		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	19/08/2017	03.40		Continued.	Low Voltage.	
MSPGCL	Uran Unit 6	108	19/08/2017	03.40	19/08/2017	06.10	Low Voltage.	
MSPGCL	Uran Unit 5	108	19/08/2017	03.40		Continued.	Low Voltage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 19/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
Akola Aurangabad(PG) I	InterState	18/08/2017	10.45	18/08/2017	14.54	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	18/08/2017	19.08		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
karad -kolhapur-I	IntraState	17/08/2017	21.07	18/08/2017	09.32	HT	Over Voltage
Kalwa - Kharghar	IntraState	18/08/2017	09.26	18/08/2017	12.08	EO	29D Y ph Isolator work. Line was in service through TBC
Dhule - Bableswhar - li	IntraState	18/08/2017	09.28	19/08/2017	23.49	PO	Routine Maintenance Work
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.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	18/08/2017	17.43	18/08/2017	19.27	EO	Attending Hot Spot
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.
Vita - Mhaishal	IntraState	01/07/2017	14.19	18/08/2017	01.38	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53	18/08/2017	01.35	PO	bunching work.
Talandge-Mudshingi Ckt-I	IntraState	17/08/2017	10.09		Continued.	PO	Taken on TBC
Bombay Dyeing - Sahara	IntraState	17/08/2017	12.50		Continued.	T	Distance Protection
Bhosari 2 - Telco	IntraState	17/08/2017	16.23	18/08/2017	01.27	PO	Breaker overhauling work.
Eklahare (Gcr) - Airoli Know Park	IntraState	18/08/2017	09.02	18/08/2017	14.41	PO	Isolator maintenance work.
Ghodbunder - Versova	IntraState	18/08/2017	12.33	18/08/2017	13.33	PO	Routine Maintenance Work
Kalwa - Airoli Knowledge Park	IntraState	18/08/2017	14.48	18/08/2017	17.17	PO	Isolator maintenance work.
Apta - Talaja	IntraState	19/08/2017	03.40	19/08/2017	06.50	T	Distance Protection
Apta - Kalwa	IntraState	19/08/2017	03.40	19/08/2017	06.54	T	Distance Protection
Uran - Kharghar 2	IntraState	19/08/2017	03.41	19/08/2017	05.27	T	Distance Protection
Uran - Kharghar I	IntraState	19/08/2017	03.41	19/08/2017	04.48	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)
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	18/08/2017	10.11	18/08/2017	18.02	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Jalna (220)-Ambad	IntraState	19/08/2017	03.10	19/08/2017	04.11	T	Distance Protection
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	18/08/2017	10.46	18/08/2017	10.55	T	Distance Protection

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