

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Aug/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	84.980	3787.688	1) Gujrat	1.318	65.863
2) Hydro	7.862	224.947	2) Madhya Pradesh	17.140	455.376
3) Gas	2.959	244.216	3) Chattisgarh	6.820	169.590
Total MSPGCL	95.801	4256.851	4) Maharashtra Net	85.077	2724.658
B) 1) APLM	38.575	1306.525	5) Goa (Amona)	0.000	-9.394
2) JSWEL	14.823	416.424	Total	110.355	3406.093
3) VIPL	6.165	189.821	a) Mumbai Schedule	20.131	607.537
4) RPL(AMT)	15.478	276.750	b) Mumbai Drawl	20.050	751.763
5) WPCL	2.680	88.045	c) MSEDCL Bilateral *	11.229	510.603
6) PGPL	0.000	0.000	Include PX	-0.453	54.382
7) Other IPP	3.455	108.052	d) Mumbai Bilateral *	20.131	607.537
C) 1) TPCL Thermal	13.029	417.863	Include PX	6.370	181.012
2) TPCL Hydro	7.929	135.192	Include Standby	0.000	0.000
3) TPCL Gas	1.978	97.652	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.939	292.745	1) MSEDCL	304.771	10122.374
D) STATE			2) Mumbai Discoms	52.926	1695.209
1) Thermal	189.124	6883.913	TOTAL STATE	357.697	11817.583
(A1+C1+C4+(B1-B6))					
2) Hydro	15.791	360.139			
(A2+C2)					
3) Gas	4.937	341.868			
(A3+B6+C3)					
4) Wind	36.347	775.833			
6) SOLAR	1.142	49.743			
TOTAL STATE	247.341	8411.496			

* 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	3627	3504	3462	3725
MSPGCL Hydro	304	231	661	248
MSPGCL Gas	127	128	119	117
MSPGCL Total Generation	4058	3863	4242	4090
Central Sector Receipt	5898	4900	4726	3930
WIND	1045	1562	1673	1246
CPP / IPP Thermal	3864	3486	3483	3027
CPP / IPP Gas	0	0	0	0
SOLAR	99	185	0	0
Exchange with Mumbai	-1007	-1353	-678	-621
MSEDCL DEMAND MET	13957	12643	13446	11672
Load Shedding	0	0	0	0
MSEDCL DEMAND	13957	12643	13446	11672
TPCL GENERATION	1249	1058	1047	627
R-INFRA GENERATION	497	375	375	497
MUMBAI DEMAND	2753	2786	2100	1745
STATE DEMAND MET	16710	15429	15546	13417
STATE DEMAND	16710	15429	15546	13417
Frequency (Hz)	50.02	50.05	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 12.56 Hrs	49.82 Hz at 18.19 Hrs	50.01	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 29/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	28.69	0	0
Unit 8	6.67	216.91	300	250
Unit 9	6.89	301.14	340	246
Unit 10	6.52	307.95	301	230
Total	20.09	854.69		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	52.38	0	0
Unit 4	0.00	286.54	0	0
Unit 5	7.39	118.12	350	300
Total	7.39	457.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	93.37	206	188
Unit 7	4.43	64.71	194	176
Unit 8	0.00	0.00	0	0
Total	9.11	158.08		
Chandrapur				
Unit 3	3.99	115.76	178	150
Unit 4	0.00	95.69	0	0
Unit 5	8.86	250.15	380	355
Unit 6	8.12	257.73	363	290
Unit 7	0.00	244.67	0	0
Unit 8	10.04	286.64	500	360
Unit 9	0.00	189.50	0	0
Total	31.01	1440.14		
Paras				
Unit 3	1.99	151.56	200	0
Unit 4	4.01	154.60	236	0
Total	6.00	306.16		
Khaparkheda				
Unit 1	2.54	75.77	120	60
Unit 2	2.54	77.68	120	75
Unit 3	2.20	74.67	145	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	7.28	444.44		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.10	87.20	199	160
Unit 5	0.00	1.46	0	0
Total	4.10	127.12		
Uran				
All Units	2.96	244.22	129	115
Total	2.96	244.22		
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)	0.04	1.29	33	0
Total	0.04	1.29		
Koyna				
Stage 1-2	2.61	76.68	480	40
Stage 4	0.09	49.62	90	0
Stage 3	2.46	41.59	160	0
Total	5.16	167.89		
Hydro				
KDPH	0.00	6.40	0	0
VTRNA	0.97	15.25	61	0
TILLARI	0.12	1.29	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.50	11.51	80	0
RNGR+BHTSA	0.47	6.15	20	19
BHANDARDRA	0.35	9.09	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	7.37	13	12
GHATGHAR	0.00	0.00	0	0
Total	2.70	57.05		
Wind				
Total	36.35	775.83	0	0
Total	36.35	775.83		
CPP				
APML(Mus)	38.58	1306.52	0	0
JSWEL(Mus)	14.82	416.42	0	0
VIPL(Mus)	6.16	189.82	0	0
RPLAMT(Mus)	15.48	276.75	0	0
WPCL(Mus)	2.68	88.04	0	0
Other(Mus)	3.46	108.05	0	0
Total	81.18	2385.62		
SOLAR				
Total	1.14	49.74	0	0
Total	1.14	49.74		
Tata				
Trombay 5	8.09	266.48	478	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	58.78	46	44
Trombay 7B	0.90	38.88	38	37
Trombay 8	4.94	151.39	239	196
TATA Hydro	7.93	135.19	462	22
Total	22.94	650.71		
R-INFRA				
DTPS U-1&2	9.94	292.74	497	373
Total	9.94	292.74		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	84.98	3787.69
MSPGCL Thml+Gas	87.94	4031.90
MSPGCL Hydro	7.86	224.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	95.80	4256.85
Koyna 1,2 & 4 Total	2.70	126.30
State Total	247.34	8411.50

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Aug/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3831	314	127	4272	1445	3336	0	0	4099	3829	-926	11956	0	11956	2050	14006	50.00
2	3821	308	115	4244	1339	3023	0	0	3861	3949	-778	11776	0	11776	1916	13692	50.02
3	3727	259	125	4111	1276	2981	0	0	3797	3999	-648	11720	0	11720	1816	13536	50.01
4	3725	248	117	4090	1246	3027	0	0	3600	3930	-621	11672	0	11672	1745	13417	50.03
5	3694	248	127	4069	1207	3152	0	0	4324	4103	-616	11916	0	11916	1732	13648	50.00
6	3510	353	128	3991	1151	3138	0	0	4505	4775	-633	12422	0	12422	1805	14227	49.97
7	3408	608	117	4133	1096	3468	0	1	5199	5491	-772	13417	0	13417	1870	15287	49.96
8	3434	570	127	4131	1148	3833	0	25	5327	5629	-755	14010	0	14010	2122	16132	50.04
9	3516	373	118	4007	1072	3848	0	62	5642	5910	-715	14184	0	14184	2350	16534	50.00
10	3627	304	127	4058	1045	3864	0	99	5508	5898	-1007	13957	0	13957	2753	16710	50.02
11	3607	358	128	4093	1186	3865	0	143	5563	5497	-1123	13662	0	13662	2863	16525	50.07
12	3643	264	118	4025	1454	3679	0	150	5635	5330	-1361	13276	0	13276	2859	16135	50.02
13	3504	231	128	3863	1562	3486	0	185	5461	4900	-1353	12643	0	12643	2786	15429	50.05
14	3459	226	127	3812	1732	3125	0	183	5202	4986	-1170	12668	0	12668	2607	15275	50.05
15	3379	346	117	3842	1820	2957	0	167	4412	4721	-1110	12397	0	12397	2542	14939	49.99
16	3423	241	128	3792	1972	2967	0	75	4768	4787	-1001	12592	0	12592	2432	15024	50.02
17	3355	197	118	3670	1959	3005	0	42	4455	4248	-844	12080	0	12080	2274	14354	50.05
18	3245	174	128	3547	1971	3001	0	10	4450	4280	-719	12090	0	12090	2131	14221	50.00
19	3270	426	127	3823	1864	3047	0	0	4611	4782	-679	12838	0	12838	2099	14937	49.94
20	3462	661	119	4242	1673	3483	0	0	4540	4726	-678	13446	0	13446	2100	15546	50.03
21	3612	383	129	4124	1768	3919	0	0	4044	4004	-655	13160	0	13160	2071	15231	50.03
22	3595	332	118	4045	1715	3794	0	0	3872	3810	-626	12738	0	12738	2047	14785	49.96
23	3610	281	128	4019	1820	3772	0	0	3704	3357	-641	12327	0	12327	2022	14349	50.02
24	3523	157	118	3798	1826	3406	0	0	3763	3416	-619	11827	0	11827	1933	13760	50.03
MUs	84.98	7.86	2.96	95.80	36.35	81.18	0.00	1.14	110.34	110.36	-20.05	304.77	0.00	304.77	52.93	357.70	50.01

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 29/Aug/2017

Position as on 6.30 Hrs of 30/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	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPPL	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.	RBDV leakage attending work.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Aug/2017

Position as on 6.30 Hrs of 30/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
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	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02		Continued.	Zero Schedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	21/08/2017	16.04		Continued.	Due to poor coal Receipt.	
MSPGCL	Uran Unit 6	108	24/08/2017	09.33		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	25/08/2017	19.29	30/08/2017	03.10	ID Fan Problem	
MSPGCL	Chandrapur Unit 7	500	26/08/2017	00.23		Continued.	Stem line leakage	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Low furnace pressure	
MSPGCL	Uran Unit A0	120	28/08/2017	22.28		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/08/2017	22.28		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	28/08/2017	23.00		Continued.	poor coal receipt	
MSPGCL	Paras Unit 3	250	29/08/2017	05.29	29/08/2017	15.39	system jerk	
MSPGCL	Paras Unit 4	250	29/08/2017	05.29	29/08/2017	08.32	system jerk	
MSPGCL	Paras Unit 3	250	29/08/2017	16.28	29/08/2017	18.40	Generator Protection operated	
MSPGCL	Khaparkheda Unit 3	210	29/08/2017	16.56		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 30/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	23/08/2017	17.34			Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	28/08/2017	21.32	29/08/2017	15.22		T	Distance Protection
Karad - Jaigad - II	IntraState	20/08/2017	15.07			Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/08/2017	20.09			Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	26/08/2017	20.35			Continued.	HT	To control load on PDG-BBLR.
karad -kolhapur-II	IntraState	28/08/2017	16.38			Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	29/08/2017	01.00	29/08/2017	06.56		T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/08/2017	00.54			Continued.	T	Over Voltage
400 KV ICT Outages/Trippings								
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39			Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	29/08/2017	13.12	29/08/2017	18.18		PO	Oil Top Up
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	29/08/2017	20.32	29/08/2017	23.40		T	PRV.
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.
Boiser(M)-Boiser(PG) -III	InterState	29/08/2017	02.18	29/08/2017	05.10		HT	Safety Purpose For Removing Broken Earth Wire Removal
Boisar(MS) - Boisar (PG) - I	InterState	29/08/2017	02.31	29/08/2017	05.09		HT	broken earth wire
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.
Karad - Vita Ckt- II	IntraState	28/08/2017	20.38	29/08/2017	07.42		T	Distance Protection
Akola-Paras Ckt No-Ii	IntraState	29/08/2017	05.29	29/08/2017	10.53		T	Distance Protection
Akola-Paras Ckt No-I	IntraState	29/08/2017	05.29	29/08/2017	10.48		T	Distance Protection
Chikhli-Jalna-II	IntraState	29/08/2017	05.59	29/08/2017	11.05		T	Due To Tripping Paras Unit-3 And Paras Unit-4 Out
Bableshwar- Bableshwar-II	IntraState	29/08/2017	09.35	29/08/2017	10.35		EO	To attend Hot Spot
Kadegaon-Miraj	IntraState	29/08/2017	10.15	29/08/2017	14.40		PO	Testing Work
Karad(400kv) - Wathar	IntraState	29/08/2017	11.30	29/08/2017	15.25		EO	Insulator Replacement Work
Pedambe-Pophali	IntraState	29/08/2017	13.15	29/08/2017	16.50		EO	To attend Hot Spot
Uran - Ongc Uran	IntraState	29/08/2017	13.54	29/08/2017	20.00		T	Y Phase Earth Fault
Ongc Uran - Jnpt	IntraState	29/08/2017	13.54	29/08/2017	15.30		T	Y Phase To Earth Fault
Vita - Miraj	IntraState	29/08/2017	14.04	29/08/2017	14.12		T	Bus Bar Protection Operated
Miraj - Ichalkaranji II	IntraState	29/08/2017	14.04			Continued.	T	Bus Bar Protection Operated
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)
132 KV LINE Outages/Trippings								
Paras-Warwat Bakal	IntraState	29/08/2017	08.12	29/08/2017	08.35		T	Distance Protection
Morshi-Warud	IntraState	29/08/2017	10.54	29/08/2017	11.04		T	Distance Protection
Nandurbar - Visarwadi	IntraState	29/08/2017	11.05	29/08/2017	14.15		EO	Breaker Overvoltage

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 29/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 30/Aug/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sawangi - Cosmofilms	IntraState	29/08/2017	15.29	29/08/2017	16.32	PO	Breaker Problem Attending Work