

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.994	3870.599	1) Gujrat	-0.558	-61.934
2) Hydro	4.988	140.355	2) Madhya Pradesh	17.163	322.775
3) Gas	8.959	264.540	3) Chattisgarh	9.540	205.950
Total MSPGCL	104.941	4275.494	4) Maharashtra Net	82.409	2846.664
B) 1) APML	62.430	1500.295	5) Goa (Amona)	-0.440	-11.704
2) JSWEL	8.070	449.955	Total	108.114	3301.751
3) VIPL	5.453	167.915	a) Mumbai Schedule	21.055	784.806
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	29.478	970.028
5) WPCL	2.456	102.382	c) MSEDCL Bilateral *	10.029	481.599
6) PGPL	0.000	0.000	Include PX	-2.445	-2.447
7) Other IPP	3.151	88.749	d) Mumbai Bilateral *	21.055	782.130
C) 1) TPCL Thermal	12.199	369.967	Include PX	6.210	245.670
2) TPCL Hydro	6.088	115.526	Include Standby	0.000	2.676
3) TPCL Gas	3.615	119.350	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.899	287.890	1) MSEDCL	314.277	9921.701
D) STATE			2) Mumbai Discoms	60.279	1862.757
1) Thermal	193.652	6952.875	TOTAL STATE	374.556	11784.458
(A1+C1+C4+(B1-B6))					
2) Hydro	11.076	255.881			
(A2+C2)					
3) Gas	12.574	383.890			
(A3+B6+C3)					
4) Wind	47.561	844.983			
6) SOLAR	1.579	45.082			
TOTAL STATE	266.442	8482.711			

* 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	3771	3772	4162	3571
MSPGCL Hydro	213	147	384	109
MSPGCL Gas	370	363	370	388
MSPGCL Total Generation	4354	4282	4916	4068
Central Sector Receipt	5264	5253	4259	3581
WIND	2207	2101	1880	1699
CPP / IPP Thermal	3264	3046	3911	3498
CPP / IPP Gas	0	0	0	0
SOLAR	214	196	0	0
Exchange with Mumbai	-1717	-1669	-1279	-642
MSEDCL DEMAND MET	13586	13209	13687	12204
Load Shedding	0	0	0	0
MSEDCL DEMAND	13586	13209	13687	12204
TPCL GENERATION	1044	1040	1040	720
R-INFRA GENERATION	389	388	389	387
MUMBAI DEMAND	3150	3097	2708	1749
STATE DEMAND MET	16736	16306	16395	13953
STATE DEMAND	16736	16306	16395	13953
Frequency (Hz)	49.98	49.96	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.00 Hrs	49.72 Hz at 19.30 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 29/Jun/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	59.96	0	0
Unit 8	10.38	221.31	502	350
Unit 9	10.21	266.87	500	301
Unit 10	8.07	246.88	350	305
Total	28.66	795.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	0.00	209.26	0	0
Unit 5	0.00	207.47	0	0
Total	0.00	465.39		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	0.00	15.86	0	0
Total	0.00	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.22	108.91	193	165
Unit 5	8.93	258.85	395	360
Unit 6	9.31	270.05	440	360
Unit 7	9.27	264.24	449	357
Unit 8	9.00	228.67	443	326
Unit 9	8.72	264.99	429	313
Total	49.45	1415.43		
Paras				
Unit 3	5.04	139.20	242	188
Unit 4	0.00	95.06	0	0
Total	5.04	234.26		
Khaparkheda				
Unit 1	0.00	91.04	0	0
Unit 2	0.00	49.37	0	0
Unit 3	0.00	90.54	0	0
Unit 4	0.00	82.77	0	0
Unit 5	0.00	266.60	0	0
Total	0.00	580.32		
Nasik				
Unit 3	3.89	49.13	165	155
Unit 4	3.96	119.71	177	159
Unit 5	0.00	69.70	0	0
Total	7.85	238.54		
Uran				
All Units	8.96	264.54	391	351
Total	8.96	264.54		
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)	0.15	2.16	48	0
Total	0.15	2.16		
Koyna				
Stage 1-2	1.73	59.44	320	40
Stage 4	0.22	6.71	97	0
Stage 3	1.43	21.00	160	0
Total	3.39	87.15		
Hydro				
KDPH	0.00	4.88	0	0
VTRNA	0.00	22.29	0	0
TILLARI	0.34	0.72	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	7.95	80	0
RNGR+BHTSA	0.00	4.30	0	0
BHANDARDRA	0.56	2.71	24	23
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.91	0	0
GHATGHAR	0.24	9.44	125	0
Total	1.60	53.20		
Wind				
Total	47.56	844.98	0	0
Total	47.56	844.98		
CPP				
APML(Mus)	62.43	1500.30	0	0
JSWEL(Mus)	8.07	449.96	0	0
VIPL(Mus)	5.45	167.92	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.46	102.38	0	0
Other(Mus)	3.15	88.75	0	0
Total	81.56	2424.42		
SOLAR				
Total	1.58	45.08	0	0
Total	1.58	45.08		
Tata				
Trombay 5	7.35	219.66	316	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.23	76.11	95	90
Trombay 7B	1.39	43.24	59	56
Trombay 8	4.84	150.31	210	199
TATA Hydro	6.09	115.53	387	52
Total	21.90	604.84		
R-INFRA				
DTPS U-1&2	8.90	287.89	390	196
Total	8.90	287.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.99	3870.60	MSPGCL Total	104.94	4275.49
			MSPGCL Thml+Gas	99.95	4135.14	Koyna 1,2 & 4 Total	1.96	66.15
			MSPGCL Hydro	4.99	140.36	State Total	266.44	8482.71

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Jun/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	3590	64	390	4044	1727	3259	0	0	3579	4775	-1062	12743	0	12743	1989	14732	49.99
2	3550	144	381	4075	1583	3225	0	0	3620	4210	-952	12141	0	12141	1890	14031	50.01
3	3557	154	391	4102	1575	3430	0	0	3822	3948	-768	12287	0	12287	1798	14085	50.03
4	3571	109	388	4068	1699	3498	0	0	3668	3581	-642	12204	0	12204	1749	13953	50.03
5	3600	63	369	4032	1734	3343	0	0	3348	3805	-628	12286	0	12286	1738	14024	50.00
6	3663	133	385	4181	1785	3337	0	3	3584	4089	-683	12712	0	12712	1806	14518	49.98
7	3842	385	376	4603	1938	3643	0	24	4060	4610	-874	13944	0	13944	1997	15941	50.00
8	4032	292	388	4712	1969	3745	0	69	4294	4355	-942	13908	0	13908	2126	16034	50.03
9	3949	224	364	4537	2041	3654	0	103	4557	4701	-1364	13672	0	13672	2521	16193	50.07
10	3714	228	382	4324	2112	3397	0	127	4613	4836	-1397	13399	0	13399	2819	16218	49.99
11	3717	228	370	4315	2167	3370	0	199	4839	4948	-1633	13366	0	13366	3078	16444	49.98
12	3771	213	370	4354	2207	3264	0	214	4979	5264	-1717	13586	0	13586	3150	16736	49.98
13	3772	147	363	4282	2101	3046	0	196	4873	5253	-1669	13209	0	13209	3097	16306	49.96
14	3773	200	364	4337	2123	2970	0	178	4577	5154	-1547	13215	0	13215	2982	16197	49.99
15	3765	270	351	4386	2197	2984	0	166	4497	5132	-1555	13310	0	13310	2987	16297	49.90
16	3768	229	367	4364	2258	3020	0	148	4475	5073	-1551	13312	0	13312	2982	16294	49.97
17	3769	173	369	4311	2300	3060	0	99	4247	4722	-1526	12966	0	12966	2958	15924	49.95
18	3704	133	367	4204	2378	3055	0	49	3999	4529	-1495	12720	0	12720	2897	15617	49.95
19	3799	218	357	4374	2309	3243	0	4	3896	4224	-1413	12741	0	12741	2845	15586	49.92
20	4017	498	375	4890	1983	3779	0	0	3790	4173	-1376	13449	0	13449	2779	16228	49.90
21	4162	384	370	4916	1880	3911	0	0	3904	4259	-1279	13687	0	13687	2708	16395	49.95
22	4168	283	374	4825	1785	3927	0	0	3918	3842	-1179	13200	0	13200	2564	15764	49.98
23	4065	143	365	4573	1793	3842	0	0	4340	4066	-1113	13161	0	13161	2442	15603	49.96
24	3676	73	383	4132	1917	3557	0	0	4471	4565	-1113	13058	0	13058	2377	15435	49.99
MUs	90.99	4.99	8.96	104.94	47.56	81.56	0.00	1.58	99.95	108.11	-29.48	314.28	0.00	314.28	60.28	374.56	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 29/Jun/2017

Position as on 6.30 Hrs of 30/Jun/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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
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.	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	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
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	

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

Position as on 6.30 Hrs of 30/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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 5	210	17/06/2017	15.35		Continued.	Zero schedule by MSEDCL	
CPP	SWPGL U-4	135	23/06/2017	12.01		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	
IPP	JSW (J) U1	300	28/06/2017	13.29		Continued.	water leakage.	
RINFRA-G	REL Unit 1	250	28/06/2017	15.20	29/06/2017	01.45	electrical protection stator earth fault.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule.	
MSPGCL	Uran Unit 5	108	30/06/2017	00.50		Continued.	Routine Maintenance Work	

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

Statement-VII

Position as on 6.30 Hrs of 30/Jun/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	22/06/2017	18.30		Continued.	T	Over Voltage
Main Bus- II @ Jejuri	InterState	29/06/2017	11.22	29/06/2017	22.19	PO	JUMPPER CONNECTION ON EXTENDED BUS.
Koradi Satpur	InterState	29/06/2017	11.54	29/06/2017	21.02	PO	LINE CROSSING WORK.
Padgha - Boisar (PG)	InterState	29/06/2017	13.03	29/06/2017	13.33	T	Distance Protection
Padgha - Boisar (PG)	InterState	29/06/2017	14.46	29/06/2017	16.35	T	Distance Protection
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2017	03.05	29/06/2017	10.48	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/06/2017	11.58		Continued.	HT	To attend Hot Spot
Chandrapur-Parali III	IntraState	28/06/2017	10.02	29/06/2017	07.56	PO	Line Maintenance work
Lonikand I - Koyna stage-IV	IntraState	29/06/2017	03.52	29/06/2017	06.37	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	29/06/2017	10.48	29/06/2017	11.28	EO	DUE TO HEAVY SPARKING.
Jaigad-New Koyna Ckt-I	IntraState	29/06/2017	11.58	29/06/2017	14.48	T	DT RECEIVED AT NEW KOYNA END.
Jaigad-New Koyna Ckt-I	IntraState	29/06/2017	16.33		Continued.	T	DT RECEIVED.
Lonikand I - Koyna stage-IV	IntraState	30/06/2017	04.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	28/06/2017	09.55		Continued.	PO	Routine Maintenance Work
400/220kV 315MVA ICT-III @ Kharghar	IntraState	29/06/2017	18.55	29/06/2017	19.43	T	220KV A ZONE BUSBAR PROTECTION OPERATED.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	29/06/2017	18.55	29/06/2017	20.16	T	220KV A ZONE BUSBAR PROTECTION OPERATED..
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.
Tillari Amona	InterState	29/06/2017	07.10	29/06/2017	15.30	T	Distance Protection
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Pophali - Nerale	IntraState	27/06/2017	12.40		Continued.	T	Distance Protection
Nagothane-Wadkhal-I	IntraState	28/06/2017	15.22	29/06/2017	17.23	T	Distance Protection
Nagothane-Wadkhal II	IntraState	29/06/2017	03.50	29/06/2017	12.04	T	Distance Protection
Centuri Enka- Bhosari	IntraState	29/06/2017	10.51	29/06/2017	15.41	PO	HALF YEARLY MAINTENANCE WORK.
Kalwa - Siemens	IntraState	29/06/2017	11.04	29/06/2017	19.45	PO	FOR SAFETY WORK.
Trombay Carnac 6	IntraState	29/06/2017	15.48	29/06/2017	16.28	T	R-PHASE TO EARTH,D-8KM,
BUS A @Kharghar	IntraState	29/06/2017	18.55	29/06/2017	19.25	T	220KV A ZONE BUSBAR PROTECTION OPERATED.
Kharghar-Panvel TSS	IntraState	29/06/2017	18.55	29/06/2017	20.05	T	220KV A ZONE BUSBAR PROTECTION OPERATED.

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/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar-Borivali ckt I	IntraState	29/06/2017	18.55	29/06/2017	19.49	T	220KV A ZONE BUSBAR PROTECTION OPERATED.
Kharghar - Nerul	IntraState	29/06/2017	18.55	29/06/2017	19.53	T	220KV A ZONE BUSBAR PROTECTION OPERATED.
Nashik-Padgha	IntraState	30/06/2017	04.19	30/06/2017	05.24	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)
220/33 Kv 50 Mva Emco Ptr 1 @Kharghar	IntraState	29/06/2017	18.55	29/06/2017	19.39	T	220KV A ZONE BUSBAR PROTECTION OPERATED.