

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jun/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.144	3525.854	1) Gujrat	-5.147	-199.357
2) Hydro	5.196	207.140	2) Madhya Pradesh	16.644	308.922
3) Gas	8.897	247.070	3) Chattisgarh	7.040	185.450
Total MSPGCL	111.237	3980.064	4) Maharashtra Net	107.646	3295.871
B) 1) APML	55.776	1224.603	5) Goa (Amona)	-0.682	-8.932
2) JSWEL	20.050	645.113	Total	125.501	3581.954
3) VIPL	6.789	208.708	a) Mumbai Schedule	22.250	783.956
4) RPL(AMT)	11.581	465.513	b) Mumbai Drawl	29.885	893.571
5) WPCL	2.685	102.146	c) MSEDCL Bilateral *	27.468	963.172
6) PGPL	0.000	0.000	Include PX	-2.180	92.017
7) Other IPP	7.704	298.124	d) Mumbai Bilateral *	22.250	779.196
C) 1) TPCL Thermal	5.581	438.529	Include PX	7.276	258.033
2) TPCL Hydro	9.306	111.305	Include Standby	0.000	4.760
3) TPCL Gas	3.874	104.900	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.026	322.692	1) MSEDCL	348.249	10765.676
D) STATE			2) Mumbai Discoms	60.674	1871.000
1) Thermal	219.336	7231.282	TOTAL STATE	408.923	12636.676
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.502	318.445			
3) Gas (A3+B6+C3)	12.771	351.970			
4) Wind	31.722	1010.678			
6) SOLAR	5.089	142.344			
TOTAL STATE	283.420	9054.719			

* 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 3 Hrs
MSPGCL Thermal	4099	4129	3934	4074
MSPGCL Hydro	469	115	499	114
MSPGCL Gas	360	365	385	364
MSPGCL Total Generation	4928	4609	4818	4552
Central Sector Receipt	6273	5623	5381	4467
WIND	912	1159	1562	1088
CPP / IPP Thermal	4589	4521	4517	3927
CPP / IPP Gas	0	0	0	0
SOLAR	480	705	1	0
Exchange with Mumbai	-1509	-1723	-1384	-780
MSEDCL DEMAND MET	15673	14894	14895	13254
Load Shedding	0	0	0	0
MSEDCL DEMAND	15673	14894	14895	13254
TPCL GENERATION	864	862	860	596
R-INFRA GENERATION	497	503	500	503
MUMBAI DEMAND	2870	3088	2744	1879
STATE DEMAND MET	18543	17982	17639	15133
STATE DEMAND	18543	17982	17639	15133
Frequency (Hz)	49.94	49.99	49.85	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13:03 Hrs	49.72 Hz at 19:18 Hrs	49.96	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	38.44	0	0
Unit 8	2.88	157.86	301	0
Unit 9	5.34	126.62	291	106
Unit 10	6.33	239.48	297	185
Total	14.54	562.39		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.58	289.48	475	350
Unit 5	9.89	285.06	475	355
Total	19.48	574.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	108.68	0	0
Unit 7	0.00	72.72	0	0
Unit 8	2.69	113.83	149	0
Total	2.69	295.23		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	244.70	0	0
Unit 6	10.46	84.65	465	370
Unit 7	10.15	293.04	459	360
Unit 8	0.00	257.69	0	0
Unit 9	10.58	243.23	459	389
Total	31.19	1123.31		
Paras				
Unit 3	4.79	146.42	228	150
Unit 4	4.85	146.72	240	186
Total	9.64	293.14		
Khaparkheda				
Unit 1	3.42	42.72	165	120
Unit 2	0.37	37.74	100	0
Unit 3	3.89	105.83	165	154
Unit 4	3.85	90.18	165	150
Unit 5	0.00	166.70	0	0
Total	11.54	443.18		
Nasik				
Unit 3	4.05	120.01	188	140
Unit 4	0.00	0.13	0	0
Unit 5	4.02	113.94	175	160
Total	8.07	234.07		
Uran				
All Units	8.90	247.07	386	360
Total	8.90	247.07		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.08	2.08	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	2.08		
Koyna				
Stage 1-2	2.19	76.48	415	40
Stage 4	0.19	45.75	150	0
Stage 3	0.81	31.19	160	0
Total	3.19	153.42		
Hydro				
KDPH	0.00	6.03	0	0
VTRNA	0.19	0.45	58	0
TILLARI	0.72	9.92	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	6.16	80	0
RNGR+BHTSA	0.00	5.34	0	0
BHANDARDRA	0.54	8.49	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	5.44	14	4
GHATGHAR	0.00	11.89	0	0
Total	2.00	53.72		
Wind				
Total	31.72	1010.68	0	0
Total	31.72	1010.68		
CPP				
APML(Mus)	55.78	1224.60	0	0
JSWEL(Mus)	20.05	645.11	0	0
VIPL(Mus)	6.79	208.71	0	0
RPLAMT(Mus)	11.58	465.51	0	0
WPCL(Mus)	2.68	102.15	0	0
Other(Mus)	7.70	298.12	0	0
Total	104.58	2944.21		
SOLAR				
Total	5.09	142.34	0	0
Total	5.09	142.34		
Tata				
Trombay 5	0.00	279.22	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	65.02	112	78
Trombay 7B	1.46	39.88	65	54
Trombay 8	5.58	159.31	235	231
TATA Hydro	9.31	111.30	459	206
Total	18.76	654.73		
R-INFRA				
DTPS U-1&2	12.03	322.69	504	497
Total	12.03	322.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.14	3525.85	MSPGCL Total	111.24	3980.06
			MSPGCL Thml+Gas	106.04	3772.92	Koyna 1,2 & 4 Total	2.38	122.23
			MSPGCL Hydro	5.20	207.14	State Total	283.42	9054.72

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Jun/2018

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	4228	115	363	4706	1300	4119	0	0	5026	4787	-1014	13898	0	13898	2129	16027	49.96
2	4231	114	384	4729	1201	3956	0	0	4697	4494	-860	13520	0	13520	1982	15502	49.98
3	4074	114	364	4552	1088	3927	0	0	4919	4467	-780	13254	0	13254	1879	15133	49.99
4	4079	114	374	4567	984	3887	0	0	4770	4630	-724	13344	0	13344	1818	15162	49.99
5	4116	189	376	4681	731	3974	0	0	4846	4761	-732	13415	0	13415	1810	15225	49.96
6	4305	193	364	4862	693	4435	0	1	5357	5539	-824	14706	0	14706	1903	16609	49.92
7	4354	688	375	5417	742	4559	0	36	5842	5855	-811	15798	0	15798	2030	17828	49.99
8	4289	330	375	4994	715	4545	0	181	6051	6200	-971	15664	0	15664	2216	17880	50.00
9	4122	290	374	4786	760	4567	0	376	6199	6297	-1240	15546	0	15546	2551	18097	49.97
10	4099	469	360	4928	912	4589	0	480	5984	6273	-1509	15673	0	15673	2870	18543	49.94
11	4169	350	381	4900	907	4614	0	553	6067	5935	-1734	15175	0	15175	3099	18274	49.99
12	4141	249	361	4751	1014	4588	0	640	6152	5737	-1786	14944	0	14944	3151	18095	49.93
13	4129	115	365	4609	1159	4521	0	705	6023	5623	-1723	14894	0	14894	3088	17982	49.99
14	3969	70	368	4407	1616	4376	0	656	5600	5341	-1607	14789	0	14789	2971	17760	50.06
15	3982	65	370	4417	2028	4499	0	555	5288	5026	-1622	14903	0	14903	2988	17891	50.02
16	3859	60	361	4280	2140	4478	0	404	5476	4996	-1618	14680	0	14680	2982	17662	50.01
17	3655	62	373	4090	2416	4108	0	314	5398	4862	-1575	14215	0	14215	2938	17153	49.94
18	3570	118	371	4059	2333	3933	0	152	5009	4762	-1523	13716	0	13716	2887	16603	49.95
19	3821	229	365	4415	1791	4138	0	35	5140	4865	-1437	13807	0	13807	2798	16605	49.95
20	3934	499	385	4818	1562	4517	0	1	5322	5381	-1384	14895	0	14895	2744	17639	49.85
21	3992	400	366	4758	1440	4603	0	0	5168	5153	-1308	14646	0	14646	2668	17314	49.90
22	4024	248	368	4640	1465	4608	0	0	5254	5026	-1144	14595	0	14595	2505	17100	49.93
23	4019	55	386	4460	1427	4527	0	0	5085	4826	-1025	14215	0	14215	2389	16604	49.90
24	3983	60	368	4411	1298	4515	0	0	4782	4665	-934	13955	0	13955	2276	16231	49.98
MUs	97.14	5.20	8.90	111.24	31.72	104.59	0.00	5.09	129.45	125.50	-29.88	348.25	0.00	348.25	60.67	408.92	49.96

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/2018

Position as on 6.30 Hrs of 30/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Koyna STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	12/06/2018	12.27	29/06/2018	19.17	digital avr installation.	
MSPGCL	Khaparkheda Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage (Available since 03.06.2018 16:00Hrs)	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	16/06/2018	00.19		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	POOR COAL RECEIPT.(ZERO SCHEDULE W.E.F. FROM	
IPP	Adani U-5	660	20/06/2018	09.53		Continued.	TURBINE SIDE DRAIN LEAKAGE.	
IPP	RPL(AMT) U-4	270	22/06/2018	17.31		Continued.	Bottom Ash Problem.	
MSPGCL	Chandrapur Unit 5	500	24/06/2018	00.01		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	24/06/2018	18.02		Continued.	zero schedule.	
IPP	RPL(AMT) U-3	270	26/06/2018	00.01		Continued.	Zero Schedule	
IPP	IEPL Unit 1	270	26/06/2018	13.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit-8	500	26/06/2018	18.45	30/06/2018	05.39	Boiler Tube Leakage	
TPC-G	Trombay 5	500	28/06/2018	21.27		Continued.	Waterwall Drain Line Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jun/2018

Position as on 6.30 Hrs of 30/Jun/2018

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	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit-8	660	29/06/2018	13.27		Continued.	Flame Failure	
MSPGCL	Parli Unit 8	250	29/06/2018	18.55	30/06/2018	00.10	Generator abnormal sound.	
MSPGCL	Koradi Unit 10	660	30/06/2018	01.40		Continued.	Feed water low.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2018

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	22/06/2018	17.38		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Koradi-Khaperkheda I	IntraState	18/06/2018	15.18		Continued.	PO	for tower shifting work.
Koradi-Khaperkheda li	IntraState	18/06/2018	15.25		Continued.	PO	for tower shifting work.
Bhusawal-Aurangabad	IntraState	27/06/2018	19.16		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	29/06/2018	02.04		Continued.	T	Over Voltage
Girwali- Lonikand 2	IntraState	29/06/2018	10.30	29/06/2018	16.54	PO	Hardware tightening & fitting work at loc no 137, 149, 157.
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	23/06/2018	11.00		Continued.	HT	Due To Abnormal Sound Coming From 220KV Bhushing B-Phase.
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	29/06/2018	08:00	29/06/2018	19:40	PO	Replacement of R & B PH CTs Ten Delta Measurement.
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.
Borivali - Tarapur	InterState	28/06/2018	14.30	29/06/2018	18.24	T	Distance Protection
Mahalakshmi Amona	InterState	29/06/2018	12.30	29/06/2018	16.12	PO	Dismantling of earth wire from location no 263 to 270.
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.
Kalwa - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Sonkhar - Trombay	IntraState	28/06/2018	12.37	29/06/2018	09.12	PO	Replacement of Conductor (For 5 Days)
Lamboti - Pandharpur li	IntraState	29/06/2018	11.07	29/06/2018	15.14	PO	Overhauling & servicing of 29c & 29D isolator.
Loteparshuram- Dasturi Line	IntraState	29/06/2018	11.50	29/06/2018	20.40	T	Distance Protection
220KV Sawangi- Bhokardan	IntraState	29/06/2018	12.20	29/06/2018	16.16	PO	Tan Delta Measurment of CTs
Padghe - Jambhul 2	IntraState	29/06/2018	12.25	29/06/2018	13.12	T	Distance Protection
Jambhul - Anandnagar	IntraState	29/06/2018	12.25	29/06/2018	12.38	T	Load becomes zero to tripping of padghe jambhul ckt 1&2.
Anandnagar - Pal	IntraState	29/06/2018	12.25	29/06/2018	12.38	T	Load becomes zero to tripping of padghe jambhul ckt 1&2.

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/2018

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tilari - Amona2	IntraState	29/06/2018	12.50	29/06/2018	16.12	PO	Dismantling of earth wire from location no 263 to 270.
Pirangut - Hinjawadi 2	IntraState	29/06/2018	14.05	29/06/2018	18.04	T	Flex board fall down on line.
JATH SHEDYAL	IntraState	29/06/2018	14.35	29/06/2018	18.40	EO	To attend cut point work.
sawangi-Phulambri	IntraState	29/06/2018	16.28	29/06/2018	18.38	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	29/06/2018	09.41	29/06/2018	13.07	PO	Replacement of R PH LA & C&R panel levelling work.
220/132 Kv 200MVA ICT II @Dhule	IntraState	29/06/2018	10.05	29/06/2018	13.35	PO	LV side meter replacement.
220/132/11 Kv 50 Mva Cgl lct 1 @Gadchiroli	IntraState	29/06/2018	12.48	29/06/2018	14.06	PO	Premonsoon maintenance work.
220/132 KV 150MVA ICT I @ Boisar	IntraState	29/06/2018	16.34	29/06/2018	18.07	PO	Urgent oil top up in conservator tank.

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