

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jun/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.281	4529.369	1) Gujrat	-5.024	-106.621
2) Hydro	2.174	106.547	2) Madhya Pradesh	4.863	172.601
3) Gas	8.753	193.424	3) Chattisgarh	3.560	102.700
Total MSPGCL	127.208	4829.340	4) Maharashtra	81.752	3395.078
B) 1) APML	49.911	1904.044	5) Goa (Amona)	-0.330	-11.550
2) JSWEL	21.235	714.205	Total	84.821	3552.208
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.795	850.698
4) RPL(AMT)	12.427	584.057	b) Mumbai Drawl	23.769	1054.878
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.954	339.226
6) Other IPP	6.551	207.108	Include PX	-5.389	-101.164
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.795	850.698
C) 1) TPCL Thermal	12.099	399.559	Include PX	1.748	324.766
2) TPCL Hydro	1.525	109.119	Standby	0.000	0.000
3) TPCL Gas	3.965	123.741	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.951	290.344	1) MSEDCL	320.794	11882.400
D) STATE			2) Mumbai Discoms	50.309	1977.642
1) Thermal	227.455	8628.686	TOTAL STATE	371.103	13860.042
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	3.699	215.666			
3) Gas (A3+B7+C3)	12.718	317.165			
4) Wind	38.729	972.952			
6) SOLAR	3.681	173.364			
TOTAL STATE	286.282	10307.833			

* 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	4646	4711	5385	4841
MSPGCL Hydro	60	187	212	40
MSPGCL Gas	364	362	373	373
MSPGCL Total Generation	5070	5260	5970	5254
Central Sector Receipt	4241	3355	4051	3001
WIND	1639	1907	1317	1643
CPP / IPP Thermal	3749	3537	3936	3559
CPP / IPP Gas	0	0	0	0
SOLAR	263	571	0	0
Exchange with Mumbai	-1076	-1159	-1099	-780
MSEDCL DEMAND MET	13886	13471	14175	12677
Load Shedding	0	0	0	0
MSEDCL DEMAND	13886	13471	14175	12677
TPCL GENERATION	680	759	825	636
AEML GENERATION	372	373	372	373
MUMBAI DEMAND	2128	2291	2296	1789
STATE DEMAND MET	16014	15762	16471	14466
STATE DEMAND	16014	15762	16471	14466
Frequency (Hz)	50.01	50.03	49.94	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.04 Hrs	49.78 Hz at 22.13 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 30/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.47	101.96	155	135
Unit 7	0.00	74.78	0	0
Unit 8	5.23	212.48	306	0
Unit 9	7.39	271.14	313	300
Unit 10	3.20	266.72	301	0
Total	19.29	927.07		
Bhusawal				
Unit 3	0.00	36.07	0	0
Unit 4	8.85	295.56	480	355
Unit 5	8.74	241.85	435	350
Total	17.60	573.48		
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	11.63	0	0
Unit 8	0.00	11.77	0	0
Total	0.00	23.39		
Chandrapur				
Unit 3	0.00	121.68	0	0
Unit 4	3.82	107.05	170	145
Unit 5	8.06	280.14	355	319
Unit 6	8.23	288.89	390	275
Unit 7	5.66	209.05	352	0
Unit 8	9.32	314.88	480	350
Unit 9	8.97	308.65	430	360
Total	44.06	1630.34		
Paras				
Unit 3	4.78	167.24	245	179
Unit 4	4.66	163.97	230	145
Total	9.44	331.21		
Khaparkheda				
Unit 1	3.69	89.95	170	120
Unit 2	3.42	88.15	160	110
Unit 3	3.42	107.04	182	115
Unit 4	3.82	108.95	180	144
Unit 5	0.00	286.94	0	0
Total	14.36	681.04		
Nasik				
Unit 3	3.92	122.35	166	161
Unit 4	3.90	123.53	167	158
Unit 5	3.72	116.94	162	80
Total	11.54	362.82		
Uran				
All Units	8.75	193.42	384	331
Total	8.75	193.42		
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)	0.00	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	1.11	40.02	195	30
Stage 4	0.00	0.56	0	0
Stage 3	0.63	12.58	80	0
Total	1.74	53.17		
Hydro				
KDPH	0.00	8.60	0	0
VTRNA	0.00	17.02	0	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	6.83	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.48	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	2.14	0	0
GHATGHAR	0.13	14.62	66	0
Total	0.43	53.38		
Wind				
Total	38.73	972.95	0	0
Total	38.73	972.95		
CPP				
APML(Mus)	49.91	1904.04	0	0
JSWEL(Mus)	21.24	714.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	12.43	584.06	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.55	207.11	0	0
Total	90.12	3409.41		
SOLAR				
Total	3.68	173.36	0	0
Total	3.68	173.36		
Tata				
Trombay 5	7.33	251.69	307	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.47	77.92	117	65
Trombay 7B	1.50	45.82	67	51
Trombay 8	4.77	147.87	202	196
TATA Hydro	1.52	109.12	205	0
Total	17.59	632.42		
AEML				
DTPS U-1&2	8.95	290.34	374	372
Total	8.95	290.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.28	4529.37	MSPGCL Total	127.21	4829.34
			MSPGCL Thml+Gas	125.03	4722.79	Koyna 1,2 & 4 Total	1.11	40.58
			MSPGCL Hydro	2.17	106.55	State Total	286.28	10307.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jun/2019

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	4861	30	350	5241	1434	4293	0	0	3533	3306	-978	13296	0	13296	2089	15385	49.96
2	4753	30	371	5154	1598	3907	0	0	3427	3265	-892	13032	0	13032	1952	14984	50.03
3	4793	35	361	5189	1707	3584	0	0	3272	3115	-801	12794	0	12794	1841	14635	50.03
4	4841	40	373	5254	1643	3559	0	0	3296	3001	-780	12677	0	12677	1789	14466	50.06
5	4658	30	371	5059	1597	3557	0	0	3425	3466	-781	12898	0	12898	1776	14674	49.99
6	4646	30	360	5036	1606	3575	0	0	4141	3951	-848	13320	0	13320	1840	15160	50.03
7	4691	30	369	5090	1456	3635	0	30	4346	4442	-837	13816	0	13816	1831	15647	50.00
8	4662	40	368	5070	1407	3668	0	119	4245	4479	-894	13849	0	13849	1889	15738	50.04
9	4635	30	357	5022	1462	3738	0	182	4221	4098	-980	13522	0	13522	1996	15518	50.05
10	4646	60	364	5070	1639	3749	0	263	4192	4241	-1076	13886	0	13886	2128	16014	50.01
11	4637	80	372	5089	1677	3694	0	425	4264	3956	-1151	13690	0	13690	2262	15952	50.06
12	4750	85	384	5219	1691	3543	0	551	3983	3795	-1189	13610	0	13610	2322	15932	50.04
13	4711	187	362	5260	1907	3537	0	571	3207	3355	-1159	13471	0	13471	2291	15762	50.03
14	4749	180	374	5303	2273	3553	0	441	3342	2795	-1090	13275	0	13275	2221	15496	50.04
15	4813	116	384	5313	2401	3530	0	409	2947	2723	-1049	13327	0	13327	2191	15518	50.11
16	4912	30	363	5305	2467	3499	0	311	2447	2355	-1001	12936	0	12936	2151	15087	50.02
17	4876	65	374	5315	2082	3387	0	247	2523	2859	-958	12932	0	12932	2110	15042	50.01
18	4856	99	383	5338	1689	3331	0	114	3110	3359	-966	12865	0	12865	2117	14982	50.00
19	4934	341	364	5639	1450	3470	0	18	3632	3980	-1007	13550	0	13550	2164	15714	49.99
20	5385	212	373	5970	1317	3936	0	0	4302	4051	-1099	14175	0	14175	2296	16471	49.94
21	5398	150	358	5906	1204	4131	0	0	3979	3823	-1089	13975	0	13975	2334	16309	49.97
22	5133	118	344	5595	975	4278	0	0	3605	3779	-1059	13568	0	13568	2317	15885	49.95
23	5090	110	343	5543	940	4187	0	0	3479	3297	-1058	12909	0	12909	2248	15157	49.90
24	4851	46	331	5228	1107	3783	0	0	3637	3330	-1027	12421	0	12421	2154	14575	49.97
MUs	116.28	2.17	8.75	127.21	38.73	89.12	0.00	3.68	86.56	84.82	-23.77	319.79	0.00	319.79	50.31	370.10	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 30/Jun/2019

Position as on 6.30 Hrs of 01/Jul/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyana Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Koradi Unit-8	660	26/06/2019	11.49	30/06/2019	01.45	Boiler validity Extn. Work.	
MSPGCL	Khaparkheda Unit 5	500	27/06/2019	23.17		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 7	210	28/06/2019	22.50		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	29/06/2019	16.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	30/06/2019	03.56	30/06/2019	09.51	Relay Maloperation.	
MSPGCL	Koradi Unit 10	660	30/06/2019	11.54		Continued.	Air heater problem	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 01/Jul/2019

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	27/06/2019	19.16		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	29/06/2019	01.37		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/06/2019	16.33		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/06/2019	04.00		Continued.	T	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	30/06/2019	12.39		Continued.	PO	CVT Replacement work at Jaigad End
Lonikand I - Koyna stage-IV	IntraState	30/06/2019	23.45		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work due to High PPM.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Balapur-Akola li	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola I	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Miraj-Ichalkaranji I	IntraState	24/06/2019	12:14		Continued.	T	Tower Collapse.
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
Chandrapur GCR - Wani	IntraState	29/06/2019	19.39		Continued.	HT	Outage on Chandrapur ICT 2.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	30/06/2019	10.35	30/06/2019	12.33	PO	Shifting on TBC DC Leakage Attending Work
Apta - Hoc	IntraState	30/06/2019	21.04	30/06/2019	22.55	T	B phase meetring CT Fail
Uran - Hoc 1	IntraState	30/06/2019	21.04	30/06/2019	22.55	T	B phase meetring CT Fail
220 KV ICT Outages/Trippings							
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	30/06/2019	02.50		Continued.	T	Diff operated, bucholz tripped, CTR Operated.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	29/06/2019	22.47	30/06/2019	16.55	T	Distance Protection
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--> Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER

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