

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.875	3554.148	1) Gujrat	-5.608	-72.245
2) Hydro	2.616	86.841	2) Madhya Pradesh	4.198	140.080
3) Gas	6.062	141.425	3) Chattisgarh	3.400	79.400
Total MSPGCL	151.553	3782.414	4) Maharashtra	121.891	2641.883
B) 1) APLM	56.636	1589.716	5) Goa (Amona)	-0.220	-8.954
2) JSWEL	19.883	549.513	Total	123.661	2780.164
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.873	670.928
4) RPL(AMT)	23.119	427.622	b) Mumbai Drawl	34.106	827.367
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.370	248.577
6) Other IPP	6.527	160.370	Include PX	3.548	-95.778
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.873	670.928
C) 1) TPCL Thermal	12.083	307.699	Include PX	9.182	268.354
2) TPCL Hydro	0.527	84.188	Standby	0.000	0.000
3) TPCL Gas	3.067	94.888	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.977	223.491	1) MSEDCL	370.506	9358.923
D) STATE			2) Mumbai Discoms	58.760	1537.638
1) Thermal	270.100	6812.559	TOTAL STATE	429.266	10896.561
(A1+C1+C4+(B1-B6))					
2) Hydro	3.143	171.029			
(A2+C2)					
3) Gas	9.129	236.313			
(A3+B7+C3)					
4) Wind	18.727	756.388			
6) SOLAR	4.506	140.103			
TOTAL STATE	305.605	8116.392			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5894	6133	6040	5905
MSPGCL Hydro	152	147	219	47
MSPGCL Gas	262	255	268	221
MSPGCL Total Generation	6308	6535	6527	6173
Central Sector Receipt	5530	5649	4938	4377
WIND	568	766	1161	823
CPP / IPP Thermal	4538	4493	4483	4361
CPP / IPP Gas	0	0	0	0
SOLAR	572	505	0	0
Exchange with Mumbai	-1437	-1457	-1365	-1306
MSEDCL DEMAND MET	16079	16491	15744	14428
Load Shedding	0	0	0	0
MSEDCL DEMAND	16079	16491	15744	14428
TPCL GENERATION	640	656	723	617
AEML GENERATION	374	374	373	375
MUMBAI DEMAND	2451	2487	2461	2298
STATE DEMAND MET	18530	18978	18205	16726
STATE DEMAND	18530	18978	18205	16726
Frequency (Hz)	49.92	50.03	49.95	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 03.39 Hrs	49.75 Hz at 22.12 Hrs	49.99	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 23/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.40	78.54	153	135
Unit 7	2.26	59.77	150	0
Unit 8	8.11	193.91	400	300
Unit 9	9.33	216.37	410	300
Unit 10	9.05	213.77	425	325
Total	32.14	762.36		
Bhusawal				
Unit 3	2.60	16.89	160	0
Unit 4	7.36	226.52	505	0
Unit 5	2.52	195.07	485	0
Total	12.48	438.48		
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	3.99	4.86	205	90
Unit 8	0.00	11.77	0	0
Total	3.99	16.63		
Chandrapur				
Unit 3	4.15	98.72	190	163
Unit 4	3.96	79.98	172	160
Unit 5	9.13	216.98	410	365
Unit 6	8.89	223.93	450	305
Unit 7	1.56	147.27	382	0
Unit 8	10.26	247.21	470	360
Unit 9	10.14	242.32	490	370
Total	48.09	1256.41		
Paras				
Unit 3	5.65	130.13	258	200
Unit 4	5.52	127.62	255	195
Total	11.17	257.75		
Khaparkheda				
Unit 1	2.80	68.28	130	90
Unit 2	2.94	64.91	140	110
Unit 3	2.80	81.30	140	110
Unit 4	4.01	83.15	183	160
Unit 5	10.48	246.06	450	400
Total	23.04	543.70		
Nasik				
Unit 3	3.98	94.12	190	158
Unit 4	4.08	94.52	203	160
Unit 5	3.91	90.18	175	158
Total	11.97	278.82		
Uran				
All Units	6.06	141.42	272	221
Total	6.06	141.42		
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	0.89	32.52	115	30
Stage 4	0.00	0.34	0	0
Stage 3	0.28	8.37	80	0
Total	1.17	41.23		
Hydro				
KDPH	0.38	7.26	16	16
VTRNA	0.80	16.55	60	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	5.06	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	0.03	2.01	2	1
GHATGHAR	0.00	10.56	0	0
Total	1.44	45.61		
Wind				
Total	18.73	756.39	0	0
Total	18.73	756.39		
CPP				
APML(Mus)	56.64	1589.72	0	0
JSWEL(Mus)	19.88	549.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.12	427.62	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.53	160.37	0	0
Total	106.16	2727.22		
SOLAR				
Total	4.51	140.10	0	0
Total	4.51	140.10		
Tata				
Trombay 5	7.30	194.19	307	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	59.78	84	61
Trombay 7B	1.28	35.11	57	49
Trombay 8	4.78	113.51	201	198
TATA Hydro	0.53	84.19	120	18
Total	15.68	486.78		
AEML				
DTPS U-1&2	8.98	223.49	375	373
Total	8.98	223.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.88	3554.15	MSPGCL Total	151.55	3782.41
			MSPGCL Thml+Gas	148.94	3695.57	Koyna 1,2 & 4 Total	0.89	32.86
			MSPGCL Hydro	2.62	86.84	State Total	305.60	8116.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	6457	47	238	6742	1008	4738	0	0	5196	5327	-1806	16009	0	16009	2793	18802	49.93
2	6607	47	221	6875	978	4768	0	0	5099	4497	-1589	15529	0	15529	2582	18111	49.99
3	6094	62	232	6388	937	4488	0	0	4936	4646	-1428	15031	0	15031	2416	17447	49.97
4	5905	47	221	6173	823	4361	0	0	4833	4377	-1306	14428	0	14428	2298	16726	50.08
5	5904	47	231	6182	598	4356	0	0	4854	4887	-1249	14774	0	14774	2240	17014	49.97
6	5890	57	221	6168	753	4235	0	0	5229	5234	-1250	15140	0	15140	2240	17380	49.95
7	5344	47	241	5632	593	4156	0	26	5792	5882	-1172	15117	0	15117	2164	17281	49.99
8	5365	47	263	5675	561	4159	0	107	5458	5648	-1147	15003	0	15003	2150	17153	49.98
9	5595	66	272	5933	598	4153	0	266	5330	5490	-1179	15261	0	15261	2192	17453	50.03
10	5645	107	272	6024	503	4205	0	467	5326	5238	-1274	15163	0	15163	2290	17453	50.02
11	5767	130	256	6153	461	4454	0	491	5491	5249	-1374	15434	0	15434	2386	17820	49.98
12	5894	152	262	6308	568	4538	0	572	5791	5530	-1437	16079	0	16079	2451	18530	49.92
13	5865	152	254	6271	606	4472	0	606	5751	5614	-1449	16120	0	16120	2479	18599	49.97
14	5984	147	248	6379	651	4397	0	621	5441	5448	-1434	16062	0	16062	2466	18528	49.96
15	6133	147	255	6535	766	4493	0	505	5689	5649	-1457	16491	0	16491	2487	18978	50.03
16	6012	148	266	6426	945	4325	0	386	5711	5638	-1498	16222	0	16222	2530	18752	50.05
17	5921	113	254	6288	1177	4115	0	292	5307	5291	-1450	15713	0	15713	2489	18202	49.98
18	5687	118	267	6072	1299	4223	0	136	5058	4846	-1385	15191	0	15191	2411	17602	50.02
19	5691	108	258	6057	1215	4314	0	31	4676	4587	-1317	14887	0	14887	2371	17258	50.02
20	6040	219	268	6527	1161	4483	0	0	4686	4938	-1365	15744	0	15744	2461	18205	49.95
21	6194	193	259	6646	739	4643	0	0	4668	4657	-1457	15228	0	15228	2585	17813	49.95
22	6215	213	270	6698	675	4655	0	0	4690	4688	-1528	15188	0	15188	2649	17837	49.92
23	6290	131	270	6691	489	4702	0	0	5208	5286	-1691	15477	0	15477	2753	18230	49.93
24	6376	71	263	6710	623	4732	0	0	5395	5014	-1864	15215	0	15215	2877	18092	50.05
MUs	142.88	2.62	6.06	151.55	18.73	106.17	0.00	4.51	125.62	123.66	-34.11	370.51	0.00	370.51	58.76	429.27	49.99

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 23/Jun/2019

Position as on 6.30 Hrs of 24/Jun/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 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	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	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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.	
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	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule	
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.	
MSPGCL	Chandrapur Unit 7	500	18/06/2019	15.41	23/06/2019	18.05	Boiler Tube Leakage	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
MSPGCL	Koradi Unit 7	210	22/06/2019	23.50	23/06/2019	07.23	Spark in electric board.	
IPP	JSW (J) U3	300	23/06/2019	05.09	23/06/2019	16.21	Generator breaker maintenance work.	
MSPGCL	Bhusawal Unit 5	500	23/06/2019	06.23	23/06/2019	23.22	Bus 1 operated due to AC supply fail.	
MSPGCL	Bhusawal Unit 4	500	23/06/2019	06.23	23/06/2019	11.44	Bus 1 operated due to AC supply fail.	
MSPGCL	Bhusawal Unit 3	210	23/06/2019	15.19	23/06/2019	21.52	High Drum Level	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 24/Jun/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 I	InterState	20/06/2019	19.22		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/06/2019	17.50		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	22/06/2019	21.41	23/06/2019	15.09	T	Distance Protection, Z1, Y-PH, 61.25KM, 5.250KA, Dnagar=Distance Protection operated Y-E, 102KM, if=3.3KA, LL=185KM.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	23/06/2019	01.07	23/06/2019	08.16	T	Distance Protection
Main Bus - I @ Deepnagar	IntraState	23/06/2019	06.23	23/06/2019	08.21	T	BUS BAR OPREATED DUE TO GENERATION AC SUPPLY FAIL.
Babhaleshwar - Padghe-I	IntraState	23/06/2019	09.40	23/06/2019	23.42	PO	Quarterly Maintenance Work
Warora-Adani (Tiroda) 2	IntraState	23/06/2019	11.10	23/06/2019	12.55	PO	VT FUSE FAIL INDICATION ATTENDING WORK.
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 Kv 500 MVA ICT-III @Kalwa	IntraState	23/06/2019	10.10	23/06/2019	12.23	PO	SHIFTING ON TBCFOR REPAIR OF STUB BUS CONDUCTOR.
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 I	IntraState	20/06/2019	11.48		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola li	IntraState	20/06/2019	11.49		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	22/06/2019	21.03	23/06/2019	09.21	T	Distance Protection, Zone1, D-62.47KM. IA-2882 AMP. R-E.
Nashik-Padgha	IntraState	22/06/2019	21.50	23/06/2019	09.31	PO	TO CONTROL LOADING NASHIK END.
Vankuswade - Kdph	IntraState	23/06/2019	00.50	23/06/2019	11.00	T	CB TRIPPED AT KDPH END ONLY.
Apta - Tambati	IntraState	23/06/2019	12.20	23/06/2019	15.05	T	Distance Protection
Lonikand2-Lonikand1 (Interconector)	IntraState	23/06/2019	13.13	23/06/2019	19.25	PO	CONDUCTOR REPLACEMENT.
Jejuri- Ismt- Lonand	IntraState	23/06/2019	17.08	23/06/2019	17.55	T	Distance Protection
220 KV VIRODA - AMALNER	IntraState	23/06/2019	20.04	24/06/2019	02.34	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	23/06/2019	12.39	23/06/2019	18.35	PO	CABLE OF R&Y PHASE OSR TO FCC PANEL FOUND CUT.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	23/06/2019	13.36	23/06/2019	16.07	T	Distance Protection
Kanhan Pench	InterState	23/06/2019	13.36	23/06/2019	15.50	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