

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jun/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.820	899.390	1) Gujrat	4.906	36.158
2) Hydro	14.615	97.779	2) Madhya Pradesh	10.638	62.132
3) Gas	3.330	25.471	3) Chattisgarh	6.690	54.190
Total MSPGCL	114.765	1022.640	4) Maharashtra	130.523	1055.123
B) 1) APML	44.533	479.665	5) Goa (Amona)	-0.352	-1.870
2) JSWEL	17.689	165.337	Total	152.405	1205.733
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.701	196.294
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.598	180.125
5) WPCL	2.699	25.244	c) MSEDCL Bilateral *	53.698	345.336
6) Other IPP	7.498	83.597	Include PX	29.005	98.013
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.701	196.294
C) 1) TPCL Thermal	7.783	77.035	Include PX	13.754	126.292
2) TPCL Hydro	5.235	43.626	Standby	0.000	0.000
3) TPCL Gas	4.414	44.062	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.385	100.422	1) MSEDCL	359.358	3147.153
D) STATE			2) Mumbai Discoms	48.415	445.277
1) Thermal	188.407	1830.690	TOTAL STATE	407.773	3592.430
(A1+C1+C4+(B1-B6))					
2) Hydro	19.850	141.405			
(A2+C2)					
3) Gas	7.744	69.533			
(A3+B7+C3)					
4) Wind	32.365	284.934			
6) SOLAR	7.002	60.128			
TOTAL STATE	255.368	2386.690			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4109	4116	4055	4109
MSPGCL Hydro	768	1467	275	108
MSPGCL Gas	146	140	144	146
MSPGCL Total Generation	5023	5723	4474	4363
Central Sector Receipt	7799	6995	4907	5653
WIND	918	1083	2185	1228
CPP / IPP Thermal	3051	3050	2950	3051
CPP / IPP Gas	0	0	0	0
SOLAR	861	768	0	0
Exchange with Mumbai	-1058	-814	-675	-774
MSEDCL DEMAND MET	16594	16805	13841	13521
Load Shedding	0	0	0	0
MSEDCL DEMAND	16594	16805	13841	13521
TPCL GENERATION	636	939	948	584
AEML GENERATION	501	501	501	374
MUMBAI DEMAND	2195	2254	2124	1732
STATE DEMAND MET	18789	19059	15965	15253
STATE DEMAND	18789	19059	15965	15253
Frequency (Hz)	50.00	50.02	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 19.03 Hrs	49.78 Hz at 08.18 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 10/Jun/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	18.14	0	0
Unit 10	0.00	18.21	0	0
Total	0.00	36.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	2.50	0	0
Unit 5	0.00	4.40	0	0
Total	0.00	6.91		
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	0.00	0	0
Unit 8	0.00	2.61	0	0
Total	0.00	2.61		
Chandrapur				
Unit 3	4.14	30.13	181	121
Unit 4	3.80	28.02	165	141
Unit 5	10.31	63.06	460	365
Unit 6	10.58	73.62	450	360
Unit 7	10.39	93.40	455	360
Unit 8	11.38	101.08	500	360
Unit 9	10.53	96.95	460	356
Total	61.12	486.27		
Paras				
Unit 3	5.80	51.36	255	200
Unit 4	5.76	53.32	252	190
Total	11.56	104.68		
Khaparkheda				
Unit 1	4.11	39.67	180	160
Unit 2	4.41	41.64	190	180
Unit 3	0.00	37.24	0	0
Unit 4	4.31	41.16	190	160
Unit 5	11.30	102.87	490	445
Total	24.14	262.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	3.33	25.47	147	130
Total	3.33	25.47		
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)	0.23	1.55	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.23	1.55		
Koyna				
Stage 1-2	3.83	34.12	470	35
Stage 4	6.13	30.87	888	0
Stage 3	2.59	15.08	240	0
Total	12.54	80.07		
Hydro				
KDPH	0.70	3.62	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.54	5.41	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.00	0.62	0	0
RNGR+BHTSA	0.26	2.30	11	10
BHANDARDRA	0.44	4.31	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	1.45	15	3
GHATGHAR	0.00	0.00	0	0
Total	2.07	17.71		
Wind				
Total	32.36	284.93	0	0
Total	32.36	284.93		
CPP				
APML(Mus)	44.53	479.66	0	0
JSWEL(Mus)	17.69	165.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	25.24	0	0
Other(Mus)	7.50	83.60	0	0
Total	72.42	753.84		
SOLAR				
Total	7.00	60.13	0	0
Total	7.00	60.13		
Tata				
Trombay 5	7.78	77.04	446	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	28.08	118	116
Trombay 7B	1.60	15.98	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.24	43.63	459	67
Total	17.43	164.72		
AEML				
DTPS U-1&2	11.38	100.42	502	372
Total	11.38	100.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	96.82	899.39	MSPGCL Total	114.76	1022.64
			MSPGCL Thml+Gas	100.15	924.86	Koyna 1,2 & 4 Total	9.96	64.98
			MSPGCL Hydro	14.62	97.78	State Total	255.37	2386.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jun/2020

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	4042	588	135	4765	1428	3058	0	0	5249	5182	-551	13882	0	13882	2032	15914	49.99
2	4053	297	146	4496	1399	3059	0	0	5502	5510	-527	13937	0	13937	1915	15852	49.99
3	4067	168	136	4371	1388	3052	0	0	5602	5655	-601	13865	0	13865	1827	15692	49.95
4	4109	108	146	4363	1228	3051	0	0	5727	5653	-774	13521	0	13521	1732	15253	49.96
5	4113	223	146	4482	1146	3050	0	0	5923	5889	-717	13850	0	13850	1696	15546	49.95
6	4134	684	136	4954	1104	3052	0	0	6529	6520	-596	15034	0	15034	1702	16736	49.96
7	4107	1168	147	5422	917	3043	0	60	7143	7204	-612	16034	0	16034	1680	17714	49.97
8	4092	1090	135	5317	812	3042	0	269	7233	7058	-675	15823	0	15823	1747	17570	49.99
9	4073	742	144	4959	991	3055	0	528	7366	7380	-789	16124	0	16124	1883	18007	49.95
10	4076	838	134	5048	812	3061	0	760	7391	7498	-912	16267	0	16267	2052	18319	49.99
11	4109	768	146	5023	918	3051	0	861	7759	7799	-1058	16594	0	16594	2195	18789	50.00
12	4112	734	133	4979	761	3045	0	883	7905	7963	-1109	16522	0	16522	2235	18757	50.02
13	4121	862	140	5123	654	3048	0	888	7919	7904	-1109	16508	0	16508	2220	18728	50.00
14	4147	1246	130	5523	842	3048	0	846	7365	7226	-1084	16401	0	16401	2219	18620	49.98
15	4116	1467	140	5723	1083	3050	0	768	6704	6995	-814	16805	0	16805	2254	19059	50.02
16	4124	984	132	5240	1419	3052	0	550	6902	6938	-820	16379	0	16379	2262	18641	50.07
17	4110	605	132	4847	1756	3039	0	416	6299	6589	-782	15865	0	15865	2178	18043	50.05
18	3769	260	142	4171	1949	2971	0	155	5915	6169	-1028	14387	0	14387	2030	16417	50.07
19	3515	337	132	3984	2163	2871	0	18	5539	5410	-1010	13436	0	13436	1938	15374	50.05
20	3703	335	144	4182	2138	2886	0	0	5407	5623	-979	13850	0	13850	1996	15846	50.04
21	4058	270	133	4461	2140	2906	0	0	5032	4854	-748	13613	0	13613	2076	15689	49.96
22	4055	275	144	4474	2185	2950	0	0	4896	4907	-675	13841	0	13841	2124	15965	49.99
23	4021	190	134	4345	1789	2991	0	0	5049	5212	-783	13554	0	13554	2199	15753	49.97
24	3994	376	143	4513	1343	2988	0	0	5069	5267	-845	13266	0	13266	2223	15489	49.94
MUs	96.82	14.62	3.33	114.77	32.36	72.42	0.00	7.00	151.42	152.41	-19.60	359.36	0.00	359.36	48.41	407.77	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 10/Jun/2020

Position as on 6.30 Hrs of 11/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in To Zero schedule w.e.f	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jun/2020

Position as on 6.30 Hrs of 11/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	02/06/2020	15.42		Continued.	Flame Failure	
MSPGCL	Koradi Unit 10	660	03/06/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	RSD	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 3	210	09/06/2020	18.39		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2020

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	08/06/2020	14.49		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/05/2020	17.29		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/06/2020	18.39		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	02/06/2020	18.42		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/06/2020	02.40		Continued.	T	Over Voltage
Padghe - Nagothane - I	IntraState	05/06/2020	00.25		Continued.	HT	Over Voltage (RFC At 20:20Hrs)
Babhaleshwar - Padghe-I	IntraState	08/06/2020	09.45		Continued.	EO	Attend CB Problem & Testing Work.(RFC at 20:20 Dt-08.06.2020)
Koradi-Bhusawal	IntraState	09/06/2020	19.25		Continued.	T	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	10/06/2020	07.09	10/06/2020	12.53	PO	Disc replacement at loc.-5 (B ph) & line signature analysis.
Koradi-Khaperkheda II	IntraState	10/06/2020	09.04	10/06/2020	16.19	PO	Diagnostic testing work.
koaradi II - Wardha(PG)	IntraState	10/06/2020	09.20	10/06/2020	20.28	PO	Fixing of missing & tightening of loose nut bolts on conductor hardwares at various location.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	10/06/2020	17.13		Continued.	T	Distance Protection (RFC at 21.55 hrs).
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22		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 Kv 600 MVA ICT-II @Kalwa	IntraState	03/06/2020	08.28		Continued.	HT	Over Voltage
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	03/06/2020	15.30		Continued.	T	Oil Level low(Kept on Humming from 16.38Hrs DT.07-06-2020)
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	03/06/2020	17.37		Continued.	HT	Over Voltage
400/220KV 500MVA ICT 2@koradi 2	IntraState	05/06/2020	07.30		Continued.	PO	1) Tan delta measurement of bushing of ICT- 2.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	11/06/2020	06.26		Continued.	PO	Pre-monsoon maintenance work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Ongc Uran - Jnpt	IntraState	03/06/2020	06.30	10/06/2020	11.00	T	Distance Protection
Bapgaon - Kalwa	IntraState	08/06/2020	07.33		Continued.	PO	Stringing work from old Tower to New CTT Tower at both end, Connection of Jumpers to the cable termination kit.
Pusad-WardhaPG(Deoli)	IntraState	10/06/2020	05.35	10/06/2020	14.45	T	Tripped at Wardha PG end only
Nadgaonpeth-Amravati	IntraState	10/06/2020	08.16	10/06/2020	13.40	PO	Replacement of loose damper at following loc: loc no. 18 B-

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 10/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Osmanabad - Solapur (Bale)	IntraState	10/06/2020	11.03	10/06/2020	14.56	PO	ph,loc no.19 R-ph,loc no. 24 B-ph loc no. 36 R-ph,loc no. 37 R-ph,loc 39 Y ph.
							MID span conductor joint work at loc. 65 b phase.
Osmanabad - Barshi	IntraState	10/06/2020	11.29	10/06/2020	14.23	PO	Quarterly Maintainance Work
Nanded-Ghatodi	IntraState	10/06/2020	12.56	10/06/2020	13.43	T	Distance Protection
Badnera - Nandgaonpeth	IntraState	10/06/2020	13.55	10/06/2020	17.34	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	10/06/2020	10.42	10/06/2020	11.49	PO	ICT-2 HV R-PH. L.A. replacement work.
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	10/06/2020	17.57	10/06/2020	20.01	T	Tripped on PRV.

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