

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jun/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.213	2728.868	1) Gujrat	8.891	252.850
2) Hydro	6.168	294.845	2) Madhya Pradesh	12.528	237.108
3) Gas	3.207	84.863	3) Chattisgarh	7.530	178.640
Total MSPGCL	110.588	3108.576	4) Maharashtra	134.731	3724.678
B) 1) APLM	29.589	1079.463	5) Goa (Amona)	-0.154	-9.416
2) JSWEL	18.301	509.255	Total	163.526	4383.860
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.181	644.268
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.267	612.646
5) WPCL	2.714	77.672	c) MSEDCL Bilateral *	40.070	1211.943
6) Other IPP	7.739	224.740	Include PX	14.890	489.479
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.181	644.268
C) 1) TPCL Thermal	8.593	248.293	Include PX	20.211	425.524
2) TPCL Hydro	6.188	138.716	Standby	0.000	0.000
3) TPCL Gas	4.364	131.618	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.629	285.354	1) MSEDCL	322.372	9697.900
D) STATE			2) Mumbai Discoms	49.041	1416.621
1) Thermal	172.778	5153.645	TOTAL STATE	371.413	11114.521
(A1+C1+C4+(B1-B6))					
2) Hydro	12.356	433.561			
(A2+C2)					
3) Gas	7.571	216.481			
(A3+B7+C3)					
4) Wind	9.537	756.321			
6) SOLAR	5.645	170.659			
TOTAL STATE	207.887	6730.667			

* 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	4283	4024	4274	4195
MSPGCL Hydro	162	93	647	412
MSPGCL Gas	129	128	140	132
MSPGCL Total Generation	4574	4245	5061	4739
Central Sector Receipt	7870	7716	5989	6082
WIND	110	363	997	43
CPP / IPP Thermal	2421	2341	2476	2394
CPP / IPP Gas	0	0	0	0
SOLAR	760	676	0	0
Exchange with Mumbai	-1483	-1200	-816	-959
MSEDCL DEMAND MET	14252	14141	13707	12299
Load Shedding	0	0	0	0
MSEDCL DEMAND	14252	14141	13707	12299
TPCL GENERATION	669	931	1006	621
AEML GENERATION	193	189	191	189
MUMBAI DEMAND	2345	2320	2013	1769
STATE DEMAND MET	16597	16461	15720	14068
STATE DEMAND	16597	16461	15720	14068
Frequency (Hz)	50.02	50.00	49.92	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.02 Hrs	49.78 Hz at 19.39 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 30/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	11.92	76.05	540	460
Unit 10	11.33	65.60	515	460
Total	23.25	141.64		
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	4.25	110.01	185	163
Unit 4	3.84	103.70	162	160
Unit 5	9.40	251.76	405	365
Unit 6	9.85	267.06	430	365
Unit 7	9.36	236.75	421	360
Unit 8	10.08	301.48	445	360
Unit 9	10.46	303.30	461	380
Total	57.24	1574.05		
Paras				
Unit 3	4.24	128.48	210	0
Unit 4	5.42	135.08	250	190
Total	9.66	263.56		
Khaparkheda				
Unit 1	3.75	116.48	170	135
Unit 2	0.00	89.82	0	0
Unit 3	1.93	108.38	156	0
Unit 4	4.27	117.94	190	162
Unit 5	1.11	307.47	460	0
Total	11.06	740.09		
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	3.21	84.86	142	128
Total	3.21	84.86		
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	3.38	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	3.38		
Koyna				
Stage 1-2	2.63	106.74	355	40
Stage 4	0.66	79.64	245	0
Stage 3	1.03	45.93	160	0
Total	4.31	232.30		
Hydro				
KDPH	0.67	14.87	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.18	18.62	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	5.21	40	0
RNGR+BHTSA	0.24	6.90	11	10
BHANDARDRA	0.38	12.54	29	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.40	11	0
GHATGHAR	0.00	0.00	0	0
Total	1.86	62.54		
Wind				
Total	9.54	756.32	0	0
Total	9.54	756.32		
CPP				
APML(Mus)	29.59	1079.46	0	0
JSWEL(Mus)	18.30	509.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.71	77.67	0	0
Other(Mus)	7.74	224.74	0	0
Total	58.34	1891.13		
SOLAR				
Total	5.64	170.66	0	0
Total	5.64	170.66		
Tata				
Trombay 5	8.59	248.29	458	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	84.09	117	113
Trombay 7B	1.57	47.52	66	63
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.19	138.72	451	42
Total	19.14	518.63		
AEML				
DTPS U-1&2	4.63	285.35	247	189
Total	4.63	285.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.21	2728.87	MSPGCL Total	110.59	3108.58
			MSPGCL Thml+Gas	104.42	2813.73	Koyna 1,2 & 4 Total	3.29	186.37
			MSPGCL Hydro	6.17	294.84	State Total	207.89	6730.67

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jun/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4447	347	132	4926	42	2468	0	0	6410	6259	-867	12828	0	12828	2081	14909	49.97
2	4419	131	132	4682	34	2446	0	0	6425	6242	-1028	12376	0	12376	1959	14335	50.02
3	4238	232	142	4612	20	2437	0	0	6082	6190	-1004	12255	0	12255	1845	14100	50.02
4	4195	412	132	4739	43	2394	0	0	6089	6082	-959	12299	0	12299	1769	14068	50.00
5	4208	102	132	4442	31	2443	0	0	6620	6564	-909	12571	0	12571	1719	14290	50.00
6	4257	157	142	4556	28	2437	0	0	6942	6791	-878	12934	0	12934	1716	14650	49.98
7	4250	441	132	4823	38	2438	0	39	7495	7338	-814	13862	0	13862	1699	15561	50.04
8	4273	187	142	4602	33	2408	0	157	7787	7514	-896	13818	0	13818	1767	15585	50.02
9	4233	188	130	4551	47	2424	0	332	7865	7834	-984	14204	0	14204	1918	16122	50.00
10	4125	162	130	4417	65	2407	0	541	8036	8056	-1272	14214	0	14214	2118	16332	49.99
11	4201	163	141	4505	132	2406	0	608	8223	8084	-1424	14311	0	14311	2263	16574	50.00
12	4283	162	129	4574	110	2421	0	760	8033	7870	-1483	14252	0	14252	2345	16597	50.02
13	4285	116	129	4530	125	2409	0	672	7991	7656	-1499	13893	0	13893	2329	16222	50.00
14	3958	108	138	4204	208	2375	0	701	7864	7505	-1355	13638	0	13638	2311	15949	49.98
15	4024	93	128	4245	363	2341	0	676	7584	7716	-1200	14141	0	14141	2320	16461	50.00
16	4243	248	128	4619	652	2459	0	580	7241	6958	-1140	14128	0	14128	2267	16395	49.97
17	4169	103	140	4412	1167	2421	0	375	7140	6699	-1084	13990	0	13990	2158	16148	49.98
18	3925	93	130	4148	1185	2191	0	165	6913	6749	-1106	13332	0	13332	2045	15377	50.01
19	4044	247	128	4419	838	2183	0	39	6647	6588	-1072	12995	0	12995	1967	14962	49.94
20	4274	647	140	5061	997	2476	0	0	6425	5989	-816	13707	0	13707	2013	15720	49.92
21	4317	737	129	5183	933	2608	0	0	5861	5589	-775	13538	0	13538	2053	15591	49.94
22	4322	644	130	5096	874	2584	0	0	5787	5625	-800	13379	0	13379	2074	15453	49.94
23	4334	248	130	4712	808	2590	0	0	5847	5814	-874	13050	0	13050	2142	15192	49.99
24	4189	200	141	4530	764	2577	0	0	6031	5814	-1028	12657	0	12657	2163	14820	49.98
MUs	101.21	6.17	3.21	110.59	9.54	58.34	0.00	5.65	167.34	163.53	-25.27	322.37	0.00	322.37	49.04	371.41	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 30/Jun/2020

Position as on 6.30 Hrs of 01/Jul/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	
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.(Converted zero schedule from 25.03.2020)	
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 B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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 03.06.2020 01.28)	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jun/2020

Position as on 6.30 Hrs of 01/Jul/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
MSPGCL	Khaparkheda Unit 3	210	27/06/2020	16.15	30/06/2020	09.07	Boiler Tube Leakage	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
IPP	SWPGL U-2	135	29/06/2020	12.00		Continued.	ID Fan Problem	
MSPGCL	Paras Unit 3	250	29/06/2020	23.24	30/06/2020	01.53	Furnace Pressure High	
MSPGCL	Khaparkheda Unit 5	500	30/06/2020	02.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 01/Jul/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
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40			Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48			Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/06/2020	19.20			Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2020	19.26			Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47			Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/06/2020	19.28	30/06/2020	07.13		HT	Over Voltage
Dhule - Bableshtar - II	IntraState	29/06/2020	19.38			Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	30/06/2020	07.23	30/06/2020	08.09		EO	For passing the new 315MVA ICT -III
Jaigad-New Koyna Ckt-I	IntraState	30/06/2020	08.15	30/06/2020	08.35		EO	For passing the new 315MVA ICT -III
Karad - Jaigad - II	IntraState	30/06/2020	18.54			Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	01/07/2020	03.46			Continued.	T	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 500 MVA ICT-III @Kalwa	IntraState	30/06/2020	04.33			Continued.	HT	Over Voltage
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)
Tillari Amona	InterState	30/06/2020	06.21	30/06/2020	17.12		T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18			Continued.	HT	To Control Line Loading(H/T from Boisar end)
Sawantwadi-Bidri	IntraState	29/06/2020	23.10	30/06/2020	09.50		HT	Over Voltage
JEJURI (400 Kv) - GIS KONDHWA	IntraState	30/06/2020	09.41	30/06/2020	17.45		PO	Replacement of B ph jack bus jumper.
Mahad - Pedambe	IntraState	30/06/2020	10.15	30/06/2020	19.18		PO	Insulator Replacement Work
Parli 3(Old Gcr)-Parli Newtps Ckt 1	IntraState	30/06/2020	10.21	30/06/2020	16.12		EO	To attend Hot Spot
Theur-Jejuri	IntraState	30/06/2020	10.35	30/06/2020	14.40		EO	Diagnostic testing.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	30/06/2020	11.06	30/06/2020	21.42		EO	To attend Hot Spot
Chinchwad-Hinjewadi I	IntraState	30/06/2020	11.25	30/06/2020	18.35		HT	Over Voltage
Akola-Paras Ckt No-I	IntraState	30/06/2020	12.39	30/06/2020	15.51		PO	Routine Maintenance Work
Sonkhar - Trombay	IntraState	30/06/2020	14.08	30/06/2020	15.57		T	Distance Protection
TALEGAON - TALEGAON ambi (PG) -I	IntraState	30/06/2020	21.52	30/06/2020	23.07		T	50MVA,220/22 KV TF-1 Y PH HV CT burst.
Urse - Talegaon (Ambi) Ckt 1	IntraState	30/06/2020	21.52	30/06/2020	23.14		T	50MVA,220/22 KV TF-1 Y PH HV CT burst.
Talegaon (Ambi)-General Motors	IntraState	30/06/2020	21.52	30/06/2020	22.53		T	50MVA,220/22 KV TF-1 Y PH HV CT burst.
220 KV ICT Outages/Trippings								
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24			Continued.	T	Differential protection & main Buchholz trip.

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