

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/May/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.180	2890.724	1) Gujrat	-0.881	-65.333
2) Hydro	28.984	571.597	2) Madhya Pradesh	13.279	327.004
3) Gas	7.098	148.791	3) Chattisgarh	6.300	144.880
Total MSPGCL	168.262	3611.112	4) Maharashtra Net	127.638	2628.836
B) 1) APML	50.529	861.301	5) Goa (Amona)	-0.352	-7.656
2) JSWEL	27.938	553.892	Total	145.984	3027.731
3) VIPL	7.420	103.709	a) Mumbai Schedule	26.097	583.905
4) RPL(AMT)	13.382	299.797	b) Mumbai Drawl	26.248	617.653
5) WPCL	2.915	81.458	c) MSEDCL Bilateral *	47.988	889.158
6) PGPL	0.000	0.000	Include PX	16.461	203.263
7) Other IPP	9.648	197.542	d) Mumbai Bilateral *	26.097	583.825
C) 1) TPCL Thermal	16.929	333.577	Include PX	9.113	241.025
2) TPCL Hydro	2.892	100.638	Include Standby	0.000	0.080
3) TPCL Gas	2.269	52.323	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.985	234.974	1) MSEDCL	430.860	8637.023
D) STATE			2) Mumbai Discoms	60.323	1339.151
1) Thermal	272.926	5556.974	TOTAL STATE	491.183	9976.174
(A1+C1+C4+(B1-B6))					
2) Hydro	31.876	672.235			
(A2+C2)					
3) Gas	9.367	201.114			
(A3+B6+C3)					
4) Wind	25.431	395.668			
6) SOLAR	5.599	122.466			
TOTAL STATE	345.199	6948.457			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	5657	5535	5495	5557
MSPGCL Hydro	1388	1334	420	930
MSPGCL Gas	284	286	301	304
MSPGCL Total Generation	7329	7155	6216	6791
Central Sector Receipt	6713	6866	5388	6434
WIND	386	1057	1725	783
CPP / IPP Thermal	4366	4783	4810	4401
CPP / IPP Gas	0	0	0	0
SOLAR	722	500	0	183
Exchange with Mumbai	-1083	-1185	-1127	-851
MSEDCL DEMAND MET	18433	19176	17012	17741
Load Shedding	0	0	0	0
MSEDCL DEMAND	18433	19176	17012	17741
TPCL GENERATION	897	943	1025	820
R-INFRA GENERATION	499	499	499	500
MUMBAI DEMAND	2479	2627	2651	2171
STATE DEMAND MET	20912	21803	19663	19912
STATE DEMAND	20912	21803	19663	19912
Frequency (Hz)	49.91	49.94	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.03 Hrs	49.74 Hz at 22.21 Hrs	49.97	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 20/May/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	0.00	0	0
Unit 8	6.12	163.80	320	184
Unit 9	8.16	174.45	472	229
Unit 10	5.83	163.50	350	0
Total	20.12	501.74		
Bhusawal				
Unit 3	4.36	76.48	200	150
Unit 4	0.00	175.78	0	0
Unit 5	10.76	198.94	495	400
Total	15.12	451.19		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.61	101.71	204	125
Unit 7	4.46	101.01	212	176
Unit 8	5.46	95.45	238	219
Total	14.53	298.17		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.09	200.10	470	455
Unit 6	0.00	0.00	0	0
Unit 7	10.75	152.33	455	440
Unit 8	9.70	191.86	442	361
Unit 9	10.00	192.45	472	355
Total	41.54	736.74		
Paras				
Unit 3	5.70	113.44	250	208
Unit 4	0.00	102.46	0	0
Total	5.70	215.90		
Khaparkheda				
Unit 1	3.78	73.12	165	145
Unit 2	4.20	78.72	185	160
Unit 3	3.98	79.33	200	149
Unit 4	3.88	78.36	191	150
Unit 5	10.83	206.43	480	440
Total	26.68	515.97		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.59	86.54	199	185
Unit 5	3.91	84.47	190	144
Total	8.50	171.01		
Uran				
All Units	7.10	148.79	307	284
Total	7.10	148.79		
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)	0.14	1.37	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	1.37		
Koyna				
Stage 1-2	7.15	141.96	545	40
Stage 4	15.08	284.89	970	0
Stage 3	5.14	93.28	320	160
Total	27.36	520.14		
Hydro				
KDPH	0.36	14.31	15	15
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.68	80	0
RNGR+BHTSA	0.26	5.47	12	11
BHANDARDRA	0.50	9.78	45	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	7.49	20	7
GHATGHAR	0.00	6.10	0	0
Total	1.62	51.46		
Wind				
Total	25.43	395.67	0	0
Total	25.43	395.67		
CPP				
APML(Mus)	50.53	861.30	0	0
JSWEL(Mus)	27.94	553.89	0	0
VIPL(Mus)	7.42	103.71	0	0
RPLAMT(Mus)	13.38	299.80	0	0
WPCL(Mus)	2.92	81.46	0	0
Other(Mus)	9.65	197.54	0	0
Total	111.83	2097.70		
SOLAR				
Total	5.60	122.47	0	0
Total	5.60	122.47		
Tata				
Trombay 5	11.25	221.15	483	430
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.26	29.82	57	50
Trombay 7B	1.01	22.51	44	40
Trombay 8	5.68	112.43	242	228
TATA Hydro	2.89	100.64	259	4
Total	22.09	486.54		
R-INFRA				
DTPS U-1&2	11.98	234.97	501	498
Total	11.98	234.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.18	2890.72	MSPGCL Total	168.26	3611.11
			MSPGCL Thml+Gas	139.28	3039.52	Koyna 1,2 & 4 Total	22.23	426.85
			MSPGCL Hydro	28.98	571.60	State Total	345.20	6948.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/May/2018

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	5469	1879	292	7640	1013	4845	0	0	5692	5972	-1341	18129	0	18129	2900	21029	49.94
2	5580	1864	302	7746	1067	5014	0	0	5575	5663	-1213	18277	0	18277	2698	20975	49.99
3	5582	1879	304	7765	1085	4945	0	0	5488	5455	-1148	18102	0	18102	2530	20632	49.98
4	5550	1800	305	7655	1079	4684	0	0	5422	5505	-1053	17870	0	17870	2394	20264	49.96
5	5528	1815	306	7649	1008	4406	0	0	5742	5572	-980	17655	0	17655	2317	19972	49.96
6	5510	1724	295	7529	1010	4409	0	0	6093	6294	-988	18254	0	18254	2335	20589	49.97
7	5411	1564	307	7282	1133	4400	0	41	6305	6424	-872	18408	0	18408	2213	20621	50.02
8	5557	930	304	6791	783	4401	0	183	6257	6434	-851	17741	0	17741	2171	19912	49.99
9	5570	708	303	6581	594	4351	0	386	6246	6346	-904	17354	0	17354	2216	19570	49.99
10	5601	745	302	6648	472	4396	0	586	6196	6209	-939	17372	0	17372	2302	19674	50.02
11	5646	912	286	6844	411	4359	0	633	6240	6410	-1045	17612	0	17612	2407	20019	49.97
12	5657	1388	284	7329	386	4366	0	722	6754	6713	-1083	18433	0	18433	2479	20912	49.91
13	5627	1397	295	7319	484	4360	0	756	6943	6968	-1051	18836	0	18836	2518	21354	49.93
14	5626	1330	285	7241	634	4359	0	692	6817	6860	-1131	18655	0	18655	2526	21181	49.95
15	5579	1481	285	7345	779	4546	0	619	6810	6966	-1143	19112	0	19112	2595	21707	49.89
16	5535	1334	286	7155	1057	4783	0	500	6845	6866	-1185	19176	0	19176	2627	21803	49.94
17	5473	1209	296	6978	1190	4813	0	319	6830	6888	-1122	19066	0	19066	2573	21639	50.00
18	5251	1039	289	6579	1423	4836	0	140	6441	6279	-1044	18213	0	18213	2470	20683	50.02
19	5192	552	290	6034	1787	4935	0	22	5318	5229	-1078	16929	0	16929	2433	19362	50.03
20	5294	529	300	6123	1890	4932	0	0	5032	5184	-1063	17066	0	17066	2563	19629	49.96
21	5495	420	301	6216	1725	4810	0	0	5101	5388	-1127	17012	0	17012	2651	19663	50.01
22	5523	504	290	6317	1581	4917	0	0	5168	5305	-1180	16940	0	16940	2697	19637	49.95
23	5491	853	300	6644	1552	4922	0	0	5213	5454	-1276	17296	0	17296	2792	20088	49.87
24	5433	1128	291	6852	1288	5042	0	0	5285	5600	-1431	17351	0	17351	2916	20267	49.94
MUs	132.18	28.98	7.10	168.26	25.43	111.83	0.00	5.60	143.81	145.98	-26.25	430.86	0.00	430.86	60.32	491.18	49.97

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 20/May/2018

Position as on 6.30 Hrs of 21/May/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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
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	
CPP	IEPL Unit 1	270	30/12/2017	23.58	21/05/2018	00.47	No Schedule	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50	20/05/2018	22.33	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
CENT.SECTOR	TARAPUR-3	540	02/05/2018	20.01		Continued.	Problem In Reactor	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	17/05/2018	23.11	21/05/2018	04:08	Boiler Tube Leakage	
CPP	SWPGL U-4	135	19/05/2018	00.00	20/05/2018	22.44	ID Fan Problem	
MSPGCL	Paras Unit 4	250	19/05/2018	16.22		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	20/05/2018	06.15	20/05/2018	09.14	Flame Failure	
MSPGCL	Parli Unit 6	250	20/05/2018	22.53	21/05/2018	03.45	generator transformer oil leakage.	
CPP	IEPL Unit 1	270	21/05/2018	02.09	21/05/2018	03.21	Flame Failure	
CPP	IEPL Unit 1	270	21/05/2018	05.15		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/May/2018

Statement-VII

Position as on 6.30 Hrs of 21/May/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 I	InterState	17/05/2018	08.23		Continued.	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	19/05/2018	19.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	20/05/2018	07.21	20/05/2018	18.56	PO	Routine Maintenance Work
400/220kv 315 Mva ICT II @Karad	IntraState	20/05/2018	16.01	20/05/2018	19.28	EO	Attending Hot Spot
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.
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.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Dhule - Dondaicha Ckt	IntraState	20/05/2018	07.15	20/05/2018	11.03	PO	Tan Delta Measurment of CTs
Pophali - Nerale	IntraState	20/05/2018	08.00	20/05/2018	19.05	PO	damage conductor replacement.
Hinjawadi I- Chinchwad	IntraState	20/05/2018	08.40	20/05/2018	14.30	PO	conductor replacement.
Trombay MSETCL Tie 2	IntraState	20/05/2018	08.59	20/05/2018	13.47	PO	cold line washing.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	19/05/2018	09.25		Continued.	PO	Bushing replacement.
132 KV LINE Outages/Trippings							
Padegaon Garware	IntraState	20/05/2018	12.31	20/05/2018	13.38	T	Distance Protection
Chitegaon - Garware	IntraState	20/05/2018	12.32	20/05/2018	14.47	T	Distance Protection

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