

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.024	2521.217	1) Gujrat	-8.566	-129.044
2) Hydro	20.387	160.811	2) Madhya Pradesh	11.730	209.945
3) Gas	6.004	169.933	3) Chattisgarh	7.110	121.880
Total MSPGCL	154.415	2851.961	4) Maharashtra Net	125.114	2414.856
B) 1) APML	46.797	752.881	5) Goa (Amona)	-0.198	-5.192
2) JSWEL	20.810	479.658	Total	135.190	2612.445
3) VIPL	6.196	156.710	a) Mumbai Schedule	26.002	580.586
4) RPL(AMT)	19.925	345.215	b) Mumbai Drawl	28.334	628.313
5) WPCL	2.874	76.512	c) MSEDCL Bilateral *	42.222	720.538
6) PGPL	0.000	0.000	Include PX	11.552	103.826
7) Other IPP	12.726	205.985	d) Mumbai Bilateral *	24.627	575.827
C) 1) TPCL Thermal	16.876	321.543	Include PX	6.840	188.642
2) TPCL Hydro	5.778	74.151	Include Standby	1.375	4.760
3) TPCL Gas	3.562	71.679	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.967	229.444	1) MSEDCL	384.422	7633.363
D) STATE			2) Mumbai Discoms	66.517	1325.131
1) Thermal	266.195	5089.165	TOTAL STATE	450.939	8958.494
(A1+C1+C4+(B1-B6))					
2) Hydro	26.165	234.962			
(A2+C2)					
3) Gas	9.566	241.612			
(A3+B6+C3)					
4) Wind	8.497	676.388			
6) SOLAR	5.326	103.921			
TOTAL STATE	315.749	6346.048			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5284	5226	5248	5654
MSPGCL Hydro	1141	1190	1532	112
MSPGCL Gas	238	245	241	233
MSPGCL Total Generation	6663	6661	7021	5999
Central Sector Receipt	6159	6617	5127	4630
WIND	198	320	492	185
CPP / IPP Thermal	4364	4347	4544	4806
CPP / IPP Gas	0	0	0	0
SOLAR	704	629	0	0
Exchange with Mumbai	-1528	-1503	-1144	-715
MSEDCL DEMAND MET	16560	17071	16040	14905
Load Shedding	0	0	0	0
MSEDCL DEMAND	16560	17071	16040	14905
TPCL GENERATION	1269	1269	1273	832
R-INFRA GENERATION	498	495	499	499
MUMBAI DEMAND	3295	3267	2916	2046
STATE DEMAND MET	19855	20338	18956	16951
STATE DEMAND	19855	20338	18956	16951
Frequency (Hz)	49.90	49.92	49.86	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 13.01 Hrs	49.65 Hz at 22.13 Hrs	49.91	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/Jun/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	38.44	0	0
Unit 8	9.11	84.85	400	350
Unit 9	0.00	101.02	0	0
Unit 10	9.31	162.58	431	311
Total	18.43	386.89		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.42	202.83	485	460
Unit 5	10.88	198.63	490	400
Total	22.30	401.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.31	92.65	192	172
Unit 7	0.00	72.72	0	0
Unit 8	4.06	81.56	176	162
Total	8.37	246.93		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.01	212.74	470	445
Unit 6	4.99	5.40	300	90
Unit 7	10.51	202.56	450	425
Unit 8	11.12	197.31	484	450
Unit 9	8.84	155.88	392	338
Total	46.46	773.90		
Paras				
Unit 3	5.53	104.11	250	214
Unit 4	5.22	104.10	230	200
Total	10.75	208.20		
Khaparkheda				
Unit 1	3.30	10.34	155	90
Unit 2	0.00	37.36	0	0
Unit 3	3.91	71.00	170	152
Unit 4	3.84	55.64	166	158
Unit 5	2.19	166.70	450	0
Total	13.25	341.04		
Nasik				
Unit 3	4.41	84.37	191	178
Unit 4	0.00	0.13	0	0
Unit 5	4.06	78.30	176	165
Total	8.47	162.80		
Uran				
All Units	6.00	169.93	366	224
Total	6.00	169.93		
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)	0.33	1.52	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.33	1.52		
Koyna				
Stage 1-2	5.40	60.56	545	40
Stage 4	9.43	41.04	750	0
Stage 3	2.85	23.54	320	0
Total	17.68	125.14		
Hydro				
KDPH	0.61	5.58	26	25
VTRNA	0.00	0.00	0	0
TILLARI	0.72	4.93	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.73	80	0
RNGR+BHTSA	0.23	4.67	10	9
BHANDARDRA	0.72	3.13	30	30
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	3.98	16	6
GHATGHAR	0.00	9.66	0	0
Total	2.70	35.67		
Wind				
Total	8.50	676.39	0	0
Total	8.50	676.39		
CPP				
APML(Mus)	46.80	752.88	0	0
JSWEL(Mus)	20.81	479.66	0	0
VIPL(Mus)	6.20	156.71	0	0
RPLAMT(Mus)	19.92	345.22	0	0
WPCL(Mus)	2.87	76.51	0	0
Other(Mus)	12.73	205.98	0	0
Total	109.33	2016.96		
SOLAR				
Total	5.33	103.92	0	0
Total	5.33	103.92		
Tata				
Trombay 5	11.21	210.82	470	462
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	44.44	99	75
Trombay 7B	1.35	27.24	59	51
Trombay 8	5.67	110.72	243	231
TATA Hydro	5.78	74.15	419	10
Total	26.22	467.37		
R-INFRA				
DTPS U-1&2	11.97	229.44	503	495
Total	11.97	229.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.02	2521.22	MSPGCL Total	154.42	2851.96
			MSPGCL Thml+Gas	134.03	2691.15	Koyna 1,2 & 4 Total	14.83	101.60
			MSPGCL Hydro	20.39	160.81	State Total	315.75	6346.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Jun/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	5416	476	354	6246	304	4895	0	0	4921	4894	-1039	15300	0	15300	2510	17810	49.92
2	5568	185	366	6119	252	4911	0	0	4819	4686	-906	15062	0	15062	2294	17356	49.94
3	5636	112	254	6002	306	4840	0	0	4829	4637	-758	15027	0	15027	2145	17172	49.86
4	5654	112	233	5999	185	4806	0	0	4899	4630	-715	14905	0	14905	2046	16951	49.91
5	5583	117	244	5944	202	4710	0	0	4990	4988	-677	15167	0	15167	2004	17171	49.87
6	5308	407	243	5958	212	4683	0	0	5466	5541	-753	15641	0	15641	2081	17722	49.89
7	5249	806	245	6300	267	4712	0	33	6208	5875	-813	16374	0	16374	2148	18522	49.93
8	5256	601	238	6095	310	4702	0	154	6277	6288	-869	16680	0	16680	2301	18981	50.01
9	5313	602	243	6158	413	4717	0	330	6138	6116	-1146	16588	0	16588	2639	19227	49.98
10	5285	777	240	6302	409	4674	0	529	6167	6041	-1309	16646	0	16646	2993	19639	49.91
11	5307	954	230	6491	393	4340	0	635	6323	6104	-1494	16469	0	16469	3219	19688	49.97
12	5284	1141	238	6663	198	4364	0	704	6617	6159	-1528	16560	0	16560	3295	19855	49.90
13	5269	1191	225	6685	270	4367	0	739	6700	6470	-1503	17028	0	17028	3269	20297	49.90
14	5262	1172	227	6661	288	4350	0	665	6568	6606	-1475	17095	0	17095	3192	20287	49.92
15	5226	1190	245	6661	320	4347	0	629	6672	6617	-1503	17071	0	17071	3267	20338	49.92
16	5308	799	224	6331	402	4396	0	464	6685	6555	-1568	16580	0	16580	3298	19878	49.94
17	5318	550	228	6096	547	4306	0	291	6334	6203	-1529	15914	0	15914	3266	19180	49.93
18	5283	725	239	6247	494	4287	0	125	5793	5688	-1467	15374	0	15374	3162	18536	49.96
19	5325	1050	230	6605	603	4341	0	26	5342	5289	-1378	15486	0	15486	3023	18509	49.98
20	5236	1404	238	6878	601	4469	0	2	5318	5306	-1292	15964	0	15964	2985	18949	49.91
21	5248	1532	241	7021	492	4544	0	0	5226	5127	-1144	16040	0	16040	2916	18956	49.86
22	5256	1228	229	6713	488	4538	0	0	5139	5028	-1113	15654	0	15654	2821	18475	49.81
23	5234	1605	260	7099	270	4513	0	0	5075	5293	-1125	16050	0	16050	2826	18876	49.83
24	5200	1651	290	7141	271	4516	0	0	5073	5049	-1230	15747	0	15747	2817	18564	49.81
MUs	128.02	20.39	6.00	154.41	8.50	109.33	0.00	5.33	137.58	135.19	-28.33	384.42	0.00	384.42	66.52	450.94	49.91

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/Jun/2018

Position as on 6.30 Hrs of 21/Jun/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	Koyna STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Khaparkhedha Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
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 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	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	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage (Available since 03.06.2018 16:00Hrs)	
IPP	Adani U-4	660	07/06/2018	12.06	21/06/2018	04.27	Due to APH-A Hot PA duct below leakage	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
IPP	JSW (J) U2	300	16/06/2018	00.19		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	POOR COAL RECEIPT.	
MSPGCL	Uran Unit 8	108	20/06/2018	02.10	20/06/2018	22.04	BALANCENING TRAIL WORK.	
IPP	Adani U-5	660	20/06/2018	09.53		Continued.	TURBINE SIDE DRAIN LEAKAGE.	
MSPGCL	Uran Unit 8	108	21/06/2018	01.51		Continued.	BALANCENING TRAIL WORK.	
IPP	JSW (J) U3	300	21/06/2018	04.27		Continued.	ELECTRICAL FAULT.	
IPP	JSW (J) U1	300	21/06/2018	04.30		Continued.	ELECTRICAL FAULT.	
IPP	Adani U-4	660	21/06/2018	05.46		Continued.	CNI PROBLEM IN	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Jun/2018

Position as on 6.30 Hrs of 21/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							TURBINE.	

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

Statement-VII

Position as on 6.30 Hrs of 21/Jun/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 II	InterState	19/06/2018	17.10	20/06/2018	09.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/06/2018	17.18		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Koradi-Khaperkheda I	IntraState	18/06/2018	15.18		Continued.	PO	for tower shifting work.
Koradi-Khaperkheda li	IntraState	18/06/2018	15.25		Continued.	PO	for tower shifting work.
Khadka-Aurangabad (Waluj)	IntraState	19/06/2018	16.38	20/06/2018	06.12	HT	Over Voltage
Koradi-Bhusawal	IntraState	20/06/2018	12.42	20/06/2018	16.35	PO	Attending Hot Spot
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 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	20/06/2018	15.26	20/06/2018	20.05	PO	PRV UNIT REPLACEMENT WORK.
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	20/06/2018	15.53	20/06/2018	18.18	T	NDR.
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.
Kalwa - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Wpcl-Warora 1	IntraState	18/06/2018	15.09		Continued.	HT	for shifting of 6 no ct to wardha s/s.
Jamde-Dondaicha 1	IntraState	20/06/2018	06.42	20/06/2018	09.11	PO	Attending Hot Spot
Talandge-Hamidwada	IntraState	20/06/2018	09.24	20/06/2018	12.57	PO	REPLACEMENT OF OLD FAULTY DISC INSULATOR.
Badnera-Akola I	IntraState	20/06/2018	10.52	20/06/2018	18.59	PO	REPLACEMENT OF Y-PHASE.
Nashik-Padgha	IntraState	20/06/2018	11.05	20/06/2018	12.57	HT	Over Voltage
Kandalgaon - Bhira	IntraState	20/06/2018	12.50	20/06/2018	19.15	PO	TREE CUTTING & MAINTENANCE WORK.
Nasik - Raymond	IntraState	20/06/2018	13.05	20/06/2018	16.58	PO	HOT LINE WASHING DEMO.
Badnera-Akola li	IntraState	20/06/2018	20.53		Continued.	T	Distance Protection

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 20/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 21/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sonkhar - Trombay	IntraState	21/06/2018	06.01		Continued.	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 2 @Goregoan R/S	IntraState	20/06/2018	11.36	20/06/2018	16.50	PO	PRE-MONSOON WORK.
220/33kV 125 MVA Transformer 1 @Goregoan R/S	IntraState	20/06/2018	11.36	20/06/2018	16.50	PO	PRE-MONSOON WORK.
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	20/06/2018	11.45	20/06/2018	18.37	PO	MEASURMENT OF TAN DELTA OF ICT.
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	20/06/2018	11.50	20/06/2018	17.30	PO	FOR TAKING BUSHING TANDELTA.