

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jul/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.658	1655.352	1) Gujrat	-2.120	-45.823
2) Hydro	5.239	71.647	2) Madhya Pradesh	10.039	148.157
3) Gas	9.503	121.299	3) Chattisgarh	3.290	67.460
Total MSPGCL	143.400	1848.298	4) Maharashtra	103.546	1418.963
B) 1) APMIL	67.024	857.635	5) Goa (Amona)	-0.462	-7.854
2) JSWEL	21.746	309.679	Total	114.293	1580.903
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.219	331.658
4) RPL(AMT)	0.000	3.657	b) Mumbai Drawl	32.001	425.193
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.922	98.876
6) Other IPP	2.528	40.678	Include PX	-2.084	-95.788
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.219	331.658
C) 1) TPCL Thermal	12.918	192.320	Include PX	3.842	114.501
2) TPCL Hydro	5.363	61.942	Standby	0.000	0.000
3) TPCL Gas	3.883	55.599	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.638	142.562	1) MSEDCL	368.138	5057.020
D) STATE			2) Mumbai Discoms	63.805	877.619
1) Thermal	242.512	3201.883	TOTAL STATE	431.943	5934.639
(A1+C1+C4+(B1-B6))					
2) Hydro	10.602	133.589			
(A2+C2)					
3) Gas	13.386	176.898			
(A3+B7+C3)					
4) Wind	45.051	773.944			
6) SOLAR	6.097	67.419			
TOTAL STATE	317.648	4353.733			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5126	5379	5449	4981
MSPGCL Hydro	279	228	555	49
MSPGCL Gas	392	396	386	407
MSPGCL Total Generation	5797	6003	6390	5437
Central Sector Receipt	5313	5203	5264	4210
WIND	2423	2319	1651	1484
CPP / IPP Thermal	3627	3622	4038	3494
CPP / IPP Gas	0	0	0	0
SOLAR	646	498	0	0
Exchange with Mumbai	-1763	-1695	-1419	-920
MSEDCL DEMAND MET	16043	15950	15924	13705
Load Shedding	0	0	0	0
MSEDCL DEMAND	16043	15950	15924	13705
TPCL GENERATION	1087	1049	1070	614
AEML GENERATION	374	373	384	372
MUMBAI DEMAND	3224	3117	2873	1906
STATE DEMAND MET	19267	19067	18797	15611
STATE DEMAND	19267	19067	18797	15611
Frequency (Hz)	50.00	50.12	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 15.50 Hrs	49.82 Hz at 06.08 Hrs	50.02	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 15/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	30.82	0	0
Unit 7	0.00	16.65	0	0
Unit 8	8.94	94.29	410	345
Unit 9	9.26	122.05	460	350
Unit 10	8.85	73.38	405	301
Total	27.05	337.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.72	143.93	505	360
Unit 5	9.65	137.95	500	355
Total	19.36	281.88		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.19	23.67	149	115
Unit 4	2.85	45.99	143	103
Unit 5	7.33	102.67	365	270
Unit 6	6.75	96.68	360	255
Unit 7	7.13	104.21	370	256
Unit 8	8.83	110.76	400	340
Unit 9	0.00	90.64	0	0
Total	36.07	574.62		
Paras				
Unit 3	5.21	75.64	250	193
Unit 4	5.18	53.04	250	188
Total	10.38	128.68		
Khaparkheda				
Unit 1	3.44	48.54	170	110
Unit 2	3.56	34.20	155	140
Unit 3	3.56	46.62	160	137
Unit 4	3.98	53.20	182	155
Unit 5	9.47	21.55	450	370
Total	24.01	204.10		
Nasik				
Unit 3	3.94	41.97	189	151
Unit 4	3.93	60.16	177	155
Unit 5	3.91	26.75	195	149
Total	11.78	128.88		
Uran				
All Units	9.50	121.30	408	380
Total	9.50	121.30		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.94	24.63	310	40
Stage 4	0.00	2.05	0	0
Stage 3	1.90	19.30	160	0
Total	3.84	45.98		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.00	5.36	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	6.19	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.03	2.57	33	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	1.70	10	9
GHATGHAR	0.78	8.70	250	0
Total	1.40	25.67		
Wind				
Total	45.05	773.94	0	0
Total	45.05	773.94		
CPP				
APML(Mus)	67.02	857.64	0	0
JSWEL(Mus)	21.75	309.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.53	40.68	0	0
Total	91.30	1211.65		
SOLAR				
Total	6.10	67.42	0	0
Total	6.10	67.42		
Tata				
Trombay 5	7.99	119.92	441	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	34.17	116	66
Trombay 7B	1.47	21.43	67	51
Trombay 8	4.93	72.40	225	197
TATA Hydro	5.36	61.94	387	2
Total	22.16	309.86		
AEML				
DTPS U-1&2	9.64	142.56	500	372
Total	9.64	142.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.66	1655.35	MSPGCL Total	143.40	1848.30
			MSPGCL Thml+Gas	138.16	1776.65	Koyna 1,2 & 4 Total	1.94	26.68
			MSPGCL Hydro	5.24	71.65	State Total	317.65	4353.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Jul/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	5009	165	398	5572	1918	3717	0	0	3862	4070	-1282	13995	0	13995	2304	16299	50.02
2	4989	55	398	5442	1764	3637	0	0	4230	4088	-1097	13834	0	13834	2127	15961	50.05
3	4978	49	399	5426	1720	3615	0	0	4131	4087	-993	13855	0	13855	1987	15842	50.08
4	4981	49	407	5437	1484	3494	0	0	4078	4210	-920	13705	0	13705	1906	15611	50.05
5	5016	74	398	5488	1423	3506	0	0	4170	4519	-899	14037	0	14037	1885	15922	50.01
6	5351	160	387	5898	1608	3868	0	0	4652	4731	-991	15114	0	15114	1979	17093	49.98
7	5552	479	405	6436	1454	4155	0	38	4893	5119	-987	16215	0	16215	2130	18345	50.00
8	5634	147	399	6180	1613	4141	0	191	5221	5130	-1004	16251	0	16251	2322	18573	50.07
9	5498	129	395	6022	2023	4207	0	444	5118	4887	-1441	16142	0	16142	2647	18789	50.03
10	5266	162	391	5819	2275	3914	0	595	5168	4937	-1642	15898	0	15898	2984	18882	50.01
11	5126	279	392	5797	2423	3627	0	646	4967	5313	-1763	16043	0	16043	3224	19267	50.00
12	5355	227	403	5985	2351	3616	0	692	5349	5130	-1813	15961	0	15961	3271	19232	50.02
13	5302	187	380	5869	2439	3438	0	744	5037	4889	-1811	15568	0	15568	3211	18779	50.08
14	5298	191	392	5881	2466	3239	0	734	4702	4837	-1691	15466	0	15466	3120	18586	50.06
15	5282	262	391	5935	2472	3308	0	667	4792	4931	-1685	15628	0	15628	3135	18763	50.00
16	5379	228	396	6003	2319	3622	0	498	5104	5203	-1695	15950	0	15950	3117	19067	50.12
17	5290	174	393	5857	2498	3601	0	612	5138	4815	-1670	15713	0	15713	3060	18773	49.99
18	5276	174	398	5848	2329	3501	0	191	4946	5052	-1575	15346	0	15346	2988	18334	49.96
19	5266	169	393	5828	1955	3499	0	45	5151	5233	-1498	15062	0	15062	2896	17958	50.00
20	5449	555	386	6390	1651	4038	0	0	5090	5264	-1419	15924	0	15924	2873	18797	49.99
21	5746	429	398	6573	1322	4339	0	0	5032	4930	-1143	16021	0	16021	2770	18791	50.02
22	5849	419	408	6676	1097	4383	0	0	4736	4656	-1017	15795	0	15795	2682	18477	50.04
23	5889	304	398	6591	1234	4401	0	0	4377	4172	-977	15421	0	15421	2628	18049	49.99
24	5877	172	398	6447	1213	4432	0	0	4100	4090	-988	15194	0	15194	2557	17751	50.02
MUs	128.66	5.24	9.50	143.40	45.05	91.30	0.00	6.10	114.04	114.29	-32.00	368.14	0.00	368.14	63.80	431.94	50.02

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 15/Jul/2019

Position as on 6.30 Hrs of 16/Jul/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	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
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	
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.(water shortage from 25/06/2019)	
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	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	RPL(AMT) U-2	270	29/06/2019	00.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-5	270	29/06/2019	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	30/06/2019	16.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	01/07/2019	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-4	270	01/07/2019	17.45		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 6	210	11/07/2019	23.34		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 7	210	11/07/2019	23.45		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 9	500	13/07/2019	17.00		Continued.	ACW LINE LEAKAGE.	
MSPGCL	Nasik Unit 5	210	16/07/2019	02.10		Continued.	Generator Differential protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 16/Jul/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 II	InterState	27/06/2019	19.16		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	01/07/2019	21.50		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	11/07/2019	01.14	15/07/2019	10.48	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/07/2019	18.31		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Dhule- Bableshwar - I	IntraState	13/07/2019	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/07/2019	17.39		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/07/2019	02.03	15/07/2019	07.52	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	15/07/2019	08.19	15/07/2019	13.49	PO	Replacement of Broken Spacer Cum Vibration Damper.
Nagothane - Dabhol I	IntraState	15/07/2019	12.00	15/07/2019	16.56	PO	Routine Maintenance Work & Faulty String Replacement 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.
400/220kv 315 Mva ICT I @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Replay Under Les.
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	08/07/2019	09.33		Continued.	PO	Replacement of Old Panel Relay Under Les.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	15/07/2019	09.42	15/07/2019	21.10	PO	Routine Maintenance & Testing Work
167 Mva Spare Ict @Lamboti	IntraState	15/07/2019	13.53	15/07/2019	18.06	PO	Fixing of In And Out Switches For RRS Scheme.
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.
Tillari Amona	InterState	15/07/2019	05.12	15/07/2019	10.28	HT	H/T As Per Amona Request.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Warora - I	IntraState	24/06/2019	14.01		Continued.	HT	Outage on Chandrapur ICT 2.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	09/07/2019	05.10		Continued.	T	Distance Protection
220kv Halkarni- Tillary	IntraState	15/07/2019	02.02	16/07/2019	05.44	T	Distance Protection
chandrapur-Tadali	IntraState	15/07/2019	08.47	15/07/2019	14.00	PO	CT Tan Delta, Distance Relay Testing Work, For ERL Make Numerical Backup O/C-E/F Relay Firmware Upgradation Work By ERL Engineer.
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	15/07/2019	11.00	15/07/2019	15.59	PO	Routine Maintenance And Diagnostic Testing Work
Halkarni-Mahalaxmi line	IntraState	15/07/2019	12.40	15/07/2019	14.40	EO	Removal of Earth Wire.
Gadchandur - Grace	IntraState	15/07/2019	14.44	15/07/2019	18.41	PO	Tan Delta Measurment of CTs, Relay Up Gradation Work.
Nagothane-Wadkhal II	IntraState	16/07/2019	03.30		Continued.	T	Distance Protection, Z1, B-Ph, 2.3KM, 19.48KA.
132 KV LINE Outages/Trippings							
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