

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.883	2363.334	1) Gujrat	-5.087	-35.791
2) Hydro	2.519	57.191	2) Madhya Pradesh	4.954	89.614
3) Gas	6.780	89.545	3) Chattisgarh	3.130	49.250
Total MSPGCL	158.182	2510.070	4) Maharashtra	108.343	1700.922
B) 1) APML	73.783	1065.117	5) Goa (Amona)	-0.616	-5.676
2) JSWEL	24.541	358.377	Total	110.724	1798.319
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.249	465.293
4) RPL(AMT)	5.369	313.496	b) Mumbai Drawl	31.184	565.499
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.094	137.378
6) Other IPP	7.259	104.840	Include PX	-8.135	-85.287
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.249	465.293
C) 1) TPCL Thermal	12.121	196.662	Include PX	8.343	203.702
2) TPCL Hydro	4.929	49.827	Standby	0.000	0.000
3) TPCL Gas	4.124	63.807	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.857	143.539	1) MSEDCL	401.815	6149.825
D) STATE			2) Mumbai Discoms	62.215	1019.335
1) Thermal	281.813	4545.365	TOTAL STATE	464.030	7169.160
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.448	107.018			
3) Gas (A3+B7+C3)	10.904	153.352			
4) Wind	46.736	471.671			
6) SOLAR	6.405	93.434			
TOTAL STATE	353.306	5370.840			

* 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 5 Hrs
MSPGCL Thermal	5927	6449	6531	5880
MSPGCL Hydro	81	51	81	51
MSPGCL Gas	270	276	281	289
MSPGCL Total Generation	6278	6776	6893	6220
Central Sector Receipt	5232	4716	4050	4661
WIND	2321	2541	2255	1219
CPP / IPP Thermal	4382	4649	4791	4773
CPP / IPP Gas	0	0	0	0
SOLAR	795	507	0	0
Exchange with Mumbai	-1636	-1634	-1306	-941
MSEDCL DEMAND MET	17372	17555	16683	15932
Load Shedding	0	0	0	0
MSEDCL DEMAND	17372	17555	16683	15932
TPCL GENERATION	1076	1070	986	644
AEML GENERATION	374	372	482	373
MUMBAI DEMAND	3086	3076	2774	1958
STATE DEMAND MET	20458	20631	19457	17890
STATE DEMAND	20458	20631	19457	17890
Frequency (Hz)	50.02	50.06	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 08.03 Hrs	49.79 Hz at 00.15 Hrs	50.03	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/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.36	55.63	175	115
Unit 7	3.24	35.70	160	95
Unit 8	7.56	128.92	350	300
Unit 9	5.38	146.22	350	0
Unit 10	7.83	145.00	351	300
Total	27.39	511.48		
Bhusawal				
Unit 3	0.00	12.44	0	0
Unit 4	9.60	145.24	500	355
Unit 5	9.18	124.54	500	310
Total	18.78	282.22		
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	11.77	0	0
Total	0.00	11.77		
Chandrapur				
Unit 3	4.36	64.28	195	163
Unit 4	3.89	58.71	170	103
Unit 5	9.25	140.72	420	365
Unit 6	10.08	147.65	464	365
Unit 7	6.65	120.92	435	0
Unit 8	10.80	162.34	500	360
Unit 9	10.22	157.03	475	360
Total	55.25	851.66		
Paras				
Unit 3	6.00	84.88	262	200
Unit 4	5.90	82.12	255	190
Total	11.91	167.00		
Khaparkheda				
Unit 1	2.67	46.80	120	90
Unit 2	3.10	42.77	135	115
Unit 3	3.85	53.57	170	135
Unit 4	3.38	52.88	169	110
Unit 5	10.53	162.67	456	360
Total	23.52	358.69		
Nasik				
Unit 3	4.08	61.12	193	158
Unit 4	4.16	59.50	201	159
Unit 5	3.79	59.91	168	152
Total	12.03	180.53		
Uran				
All Units	6.78	89.54	302	266
Total	6.78	89.54		
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	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	1.20	20.84	95	40
Stage 4	0.00	0.19	0	0
Stage 3	0.15	5.07	80	0
Total	1.34	26.10		
Hydro				
KDPH	0.00	5.66	0	0
VTRNA	0.02	9.66	25	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.50	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.07	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.02	1.94	1	0
GHATGHAR	0.92	7.57	250	0
Total	1.18	31.09		
Wind				
Total	46.74	471.67	0	0
Total	46.74	471.67		
CPP				
APML(Mus)	73.78	1065.12	0	0
JSWEL(Mus)	24.54	358.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.37	313.50	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.26	104.84	0	0
Total	110.95	1841.83		
SOLAR				
Total	6.40	93.43	0	0
Total	6.40	93.43		
Tata				
Trombay 5	7.18	123.18	311	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	40.52	112	105
Trombay 7B	1.53	23.28	65	63
Trombay 8	4.94	73.49	232	198
TATA Hydro	4.93	49.83	424	6
Total	21.17	310.30		
AEML				
DTPS U-1&2	9.86	143.54	501	372
Total	9.86	143.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.88	2363.33	MSPGCL Total	158.18	2510.07
			MSPGCL Thml+Gas	155.66	2452.88	Koyna 1,2 & 4 Total	1.20	21.04
			MSPGCL Hydro	2.52	57.19	State Total	353.31	5370.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Jun/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	6303	276	289	6868	1399	4826	0	0	4644	4503	-1066	16530	0	16530	2355	18885	49.91
2	6212	150	289	6651	1384	4784	0	0	4729	4430	-964	16285	0	16285	2188	18473	49.97
3	6017	41	289	6347	1313	4828	0	0	4508	4363	-999	15852	0	15852	2066	17918	50.03
4	5894	41	301	6236	1295	4814	0	0	4533	4497	-951	15891	0	15891	2000	17891	50.03
5	5880	51	289	6220	1219	4773	0	0	4632	4661	-941	15932	0	15932	1958	17890	49.98
6	6236	86	289	6611	1183	4873	0	0	4702	5016	-932	16751	0	16751	1990	18741	49.97
7	6603	216	291	7110	1138	4891	0	59	4953	4822	-846	17174	0	17174	2028	19202	50.04
8	6408	141	302	6851	1341	4740	0	263	4791	4735	-1052	16878	0	16878	2127	19005	50.11
9	6142	47	286	6475	1795	4599	0	509	4699	4744	-1160	16962	0	16962	2339	19301	50.08
10	6100	56	284	6440	2064	4313	0	692	4831	4891	-1356	17044	0	17044	2659	19703	50.04
11	6056	106	280	6442	2294	4270	0	832	4930	4616	-1584	16870	0	16870	2961	19831	50.04
12	5927	81	270	6278	2321	4382	0	795	5015	5232	-1636	17372	0	17372	3086	20458	50.02
13	5923	86	279	6288	2571	4485	0	787	5026	4772	-1636	17267	0	17267	3095	20362	50.05
14	5922	71	277	6270	2487	4254	0	720	4968	4981	-1581	17131	0	17131	2993	20124	50.01
15	6130	41	266	6437	2499	4393	0	658	4897	4984	-1593	17378	0	17378	3051	20429	50.01
16	6449	51	276	6776	2541	4649	0	507	4884	4716	-1634	17555	0	17555	3076	20631	50.06
17	6101	51	269	6421	2713	4581	0	339	4818	4733	-1578	17209	0	17209	2961	20170	50.15
18	5870	46	279	6195	2861	4161	0	198	4498	4253	-1484	16184	0	16184	2871	19055	50.11
19	6112	46	278	6436	2823	4106	0	46	3955	4233	-1431	16213	0	16213	2792	19005	50.06
20	6494	76	270	6840	2374	4564	0	0	3994	4192	-1378	16592	0	16592	2782	19374	50.00
21	6531	81	281	6893	2255	4791	0	0	3973	4050	-1306	16683	0	16683	2774	19457	50.02
22	6570	86	281	6937	1846	4962	0	0	3925	3957	-1240	16462	0	16462	2703	19165	50.02
23	6546	247	283	7076	1590	4968	0	0	4396	4489	-1415	16708	0	16708	2687	19395	50.01
24	6457	345	282	7084	1430	4945	0	0	4683	4854	-1421	16892	0	16892	2673	19565	49.97
MUs	148.88	2.52	6.78	158.18	46.74	110.95	0.00	6.41	110.98	110.72	-31.18	401.82	0.00	401.82	62.21	464.03	50.03

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/Jun/2019

Position as on 6.30 Hrs of 16/Jun/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 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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.	
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	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 3	210	04/06/2019	20.15		Continued.	Zero Schedule	
MSPGCL	Koyana STG-IV Unit-3	250	07/06/2019	10.00	16/06/2019	14.22	Stepup T/F Oil Leakage and Shaft Seal replacement	
IPP	RPL(AMT) U-5	270	11/06/2019	17.01		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 7	500	12/06/2019	23.57	15/06/2019	05.25	DM leakage attending work.	
IPP	RPL(AMT) U-4	270	13/06/2019	17.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-1	270	14/06/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-2	270	14/06/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 9	660	15/06/2019	11.26	15/06/2019	14.54	Tripped on flame failure.	
MSPGCL	Chandrapur Unit 4	210	15/06/2019	23.42		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	15/06/2019	17.12	15/06/2019	22.51	EO	Urgent Replacement Of Converter Trance former Fan Group Control.
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	15/06/2019	17.35		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/06/2019	17.47	15/06/2019	08.18	HT	Over Voltage
Padghe - Kalwa-II	IntraState	15/06/2019	06.13	15/06/2019	10.54	EO	Attending Hot Spot
Koradi 2-IEPL	IntraState	15/06/2019	08.38	15/06/2019	14.19	EO	Tan Delta Measurment of CTs
Koradi-Bhusawal	IntraState	15/06/2019	09.02	15/06/2019	20.47	PO	Replacement Of Isolator Mechanism Box.
Main Bus-I @ Koradi III	IntraState	15/06/2019	09.40	15/06/2019	13.50	PO	Online Replacement Of Bus Hanger By Hot Line.
Pune(GIS)-Parli(PG) Ckt 2	IntraState	15/06/2019	10.26	15/06/2019	16.55	PO	Bay Maintenance work.
Khadka-Aurangabad (Waluj)	IntraState	15/06/2019	20.51		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	16/06/2019	11.41	16/06/2019	18.04	PO	Routine Maintenance 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.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	16/06/2019	08.53	16/06/2019	13.03	PO	OLTC Overhauling & Maint Work.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Warora - Hinganghat	IntraState	07/06/2019	17.16		Continued.	T	Tower Collapsed At Location No.327, RYB 3.94KA, 4.41KA, 4.11KA.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	15/06/2019	06.15	15/06/2019	08.35	T	Chattering sound on Y PH jumper near gantry at kumbhargaoon end.
Butibori - Wardha	IntraState	15/06/2019	08.28	15/06/2019	13.26	PO	Diagnostic testing work.
Mahape - TIFIL	IntraState	15/06/2019	08.37	15/06/2019	12.38	EO	B-PH BUS Isolator to BUS Jumper Replaced & Attending Hot Spot.
Mahad-Kandalgaon	IntraState	15/06/2019	09.20	15/06/2019	18.53	PO	Jumper Nut Bolt Tightening & tree Cutting.
220KV Chalisagaon-Kopergaon	IntraState	15/06/2019	09.25	15/06/2019	14.45	PO	Attending Hot Spot
Uran - Apta IV	IntraState	15/06/2019	13.51	15/06/2019	14.13	PO	Emergency Tree Cutting.
Chakan-Mahindra Vehicle	IntraState	15/06/2019	16.31	15/06/2019	17.55	PO	For Fixing of R PH Dislocated Pilot String Suspension Clamp At Tower LOC NO.02.
Kolshet-Roma	IntraState	15/06/2019	17.18	15/06/2019	19.34	T	Distance Protection YPH BPH PH TO IB-8189A IY-8185A.
Kandalgaon - Pirangut	IntraState	16/06/2019	05.36	16/06/2019	11.27	PO	Jumper connecting hybrid pass 1.
VILEBHAGAD KANDALGAON	IntraState	16/06/2019	05.38	16/06/2019	11.30	PO	Jumper connecting hybrid pass 1.
Kandalgaon - Bhira	IntraState	16/06/2019	05.43	16/06/2019	11.14	PO	Jumper connecting hybrid pass 1.
Kandalgaon - ONGC Panvel	IntraState	16/06/2019	05.55	16/06/2019	11.13	PO	Jumper connecting hybrid pass 1.
Kandalgaon - Koyna (Pophali)	IntraState	16/06/2019	06.00	16/06/2019	13.35	PO	Jumper connecting hybrid pass 1.
Kandalgaon - Sona Alloys	IntraState	16/06/2019	06.15	16/06/2019	11.52	PO	Jumper connecting hybrid pass 1.
Dasturi-Kandalgaon Line	IntraState	16/06/2019	06.20	16/06/2019	11.08	PO	Jumper connecting hybrid pass 1.
Trombay - Kalwa	IntraState	16/06/2019	08.19	16/06/2019	11.20	EO	Red Hot On R PH CB Top Palm.

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 15/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar II - Tarapur	IntraState	16/06/2019	10.31	16/06/2019	16.06	PO	Replacement Of Rusted Overhead Earthwire.
Kalwa Salsette III	IntraState	16/06/2019	12.22	16/06/2019	13.46	PO	CB & LA Testing.
Trombay Salsette 1 Backbay	IntraState	16/06/2019	13.24	16/06/2019	22.58	HT	For Safety Purpose.
Trombay Carnac 5	IntraState	16/06/2019	13.24		Continued.	HT	For Safety Purpose.
Hinjawadi I- Chinchwad	IntraState	16/06/2019	14.40	16/06/2019	17.53	HT	Load Mannegment To Avail Outage On Urse Talegaon CKT1.
Urse - Talegaon (Ambi) Ckt 1	IntraState	16/06/2019	15.14	16/06/2019	17.46	PO	Replacment Of Pilot Broken String.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	01/06/2019	11.30	15/06/2019	20.52	PO	Oil Filtration Work.(Charged On Humming).
220/22KV 50MVA PTR - 1 @ PALAVA	IntraState	15/06/2019	09.01	15/06/2019	14.14	PO	OTI & WTI Replacment Work.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	15/06/2019	09.03	15/06/2019	12.34	PO	OLTC Servicing.
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	15/06/2019	09.19	15/06/2019	10.09	PO	YPH LV bushing hot spot.
220/22-22 Kv 100 Mva Ptr No 1 @Parvati	IntraState	15/06/2019	10.24	15/06/2019	15.50	PO	Replacement Of Bus PT By CVT (Safety Purpose).
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	15/06/2019	14.21	15/06/2019	17.10	PO	Plastic Wrapping To OSR & PRV.
220/100 KV 200MVA ICT II @ Pal	IntraState	15/06/2019	17.17	15/06/2019	19.20	PO	Plastic Wrapping To OSR & PRV.
220/22 Kv 50 Mva Ngef Ptr 1 @Kandalgaon	IntraState	16/06/2019	05.35	16/06/2019	11.55	PO	Bus Section 1 Outages For Connecting Jumper Of Hybrid Pass.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	16/06/2019	09.28	16/06/2019	17.07	T	Distance Protection,Z1,R-E,2.9KM,14.6KA.
Boisar li - Viraj	IntraState	16/06/2019	13.11	16/06/2019	14.50	T	Distance Protection, LTS Operated,Load Affected 74.6MW.
Beed (220kv) - Georai	IntraState	16/06/2019	16.54	16/06/2019	18.15	T	Distance Protection,Y PH Z1 7.33KM IF=5.2KA.
110 KV LINE Outages/Trippings							
Kalwa Kalyan	IntraState	15/06/2019	15.11	15/06/2019	18.04	EO	Emergency Tree Cutting.

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