

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	167.659	167.659	1) Gujrat	-1.354	-1.354
2) Hydro	4.875	4.875	2) Madhya Pradesh	8.034	8.034
3) Gas	6.772	6.772	3) Chattisgarh	2.830	2.830
Total MSPGCL	179.306	179.306	4) Maharashtra	114.381	114.381
B) 1) APML	75.462	75.462	5) Goa (Amona)	-0.286	-0.286
2) JSWEL	24.973	24.973	Total	123.605	123.605
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.924	30.924
4) RPL(AMT)	26.955	26.955	b) Mumbai Drawl	37.199	37.199
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	10.946	10.946
6) Other IPP	7.661	7.661	Include PX	-1.752	-1.752
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.924	30.924
C) 1) TPCL Thermal	14.219	14.219	Include PX	13.087	13.087
2) TPCL Hydro	2.392	2.392	Standby	0.000	0.000
3) TPCL Gas	4.340	4.340	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.015	10.015	1) MSEDCL	432.411	432.411
D) STATE			2) Mumbai Discoms	68.165	68.165
1) Thermal	326.944	326.944	TOTAL STATE	500.576	500.576
(A1+C1+C4+(B1-B6))					
2) Hydro	7.267	7.267			
(A2+C2)					
3) Gas	11.112	11.112			
(A3+B7+C3)					
4) Wind	25.177	25.177			
6) SOLAR	6.471	6.471			
TOTAL STATE	376.971	376.971			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7001	7456	7632	6416
MSPGCL Hydro	233	432	150	145
MSPGCL Gas	269	280	284	285
MSPGCL Total Generation	7503	8168	8066	6846
Central Sector Receipt	5425	5872	4688	5158
WIND	803	684	705	1515
CPP / IPP Thermal	5700	5901	5937	5206
CPP / IPP Gas	0	0	0	0
SOLAR	835	537	0	0
Exchange with Mumbai	-1916	-1704	-1635	-1350
MSEDCL DEMAND MET	18350	19458	17761	17375
Load Shedding	0	0	0	0
MSEDCL DEMAND	18350	19458	17761	17375
TPCL GENERATION	864	1140	810	697
AEML GENERATION	412	456	376	375
MUMBAI DEMAND	3192	3300	2821	2422
STATE DEMAND MET	21542	22758	20582	19797
STATE DEMAND	21542	22758	20582	19797
Frequency (Hz)	49.99	50.02	49.90	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 07.45 Hrs	49.72 Hz at 22.11 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 01/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.15	4.15	195	150
Unit 7	0.64	0.64	110	0
Unit 8	9.04	9.04	400	350
Unit 9	11.37	11.37	566	384
Unit 10	10.78	10.78	501	380
Total	35.98	35.98		
Bhusawal				
Unit 3	1.49	1.49	175	0
Unit 4	10.67	10.67	505	350
Unit 5	10.58	10.58	500	355
Total	22.74	22.74		
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	2.22	2.22	250	0
Total	2.22	2.22		
Chandrapur				
Unit 3	4.23	4.23	195	154
Unit 4	4.00	4.00	175	158
Unit 5	9.40	9.40	410	365
Unit 6	10.30	10.30	460	390
Unit 7	9.70	9.70	425	372
Unit 8	11.69	11.69	498	464
Unit 9	11.55	11.55	496	459
Total	60.88	60.88		
Paras				
Unit 3	5.96	5.96	260	220
Unit 4	5.94	5.94	255	216
Total	11.90	11.90		
Khaparkheda				
Unit 1	3.11	3.11	135	125
Unit 2	2.66	2.66	130	90
Unit 3	3.26	3.26	150	130
Unit 4	3.14	3.14	132	127
Unit 5	11.31	11.31	500	425
Total	23.48	23.48		
Nasik				
Unit 3	4.32	4.32	200	161
Unit 4	1.90	1.90	202	0
Unit 5	4.24	4.24	200	160
Total	10.45	10.45		
Uran				
All Units	6.77	6.77	288	267
Total	6.77	6.77		
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	1.18	1.18	120	40
Stage 4	0.00	0.00	0	0
Stage 3	0.29	0.29	80	0
Total	1.46	1.46		
Hydro				
KDPH	0.46	0.46	19	19
VTRNA	0.99	0.99	61	0
TILLARI	0.18	0.18	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.21	40	0
RNGR+BHTSA	0.22	0.22	10	9
BHANDARDRA	0.19	0.19	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	0.26	12	11
GHATGHAR	0.90	0.90	250	0
Total	3.41	3.41		
Wind				
Total	25.18	25.18	0	0
Total	25.18	25.18		
CPP				
APML(Mus)	75.46	75.46	0	0
JSWEL(Mus)	24.97	24.97	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.96	26.96	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.66	7.66	0	0
Total	135.05	135.05		
SOLAR				
Total	6.47	6.47	0	0
Total	6.47	6.47		
Tata				
Trombay 5	9.18	9.18	474	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	2.78	116	115
Trombay 7B	1.56	1.56	66	64
Trombay 8	5.04	5.04	230	199
TATA Hydro	2.39	2.39	262	0
Total	20.95	20.95		
AEML				
DTPS U-1&2	10.02	10.02	500	375
Total	10.02	10.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	167.66	167.66	MSPGCL Total	179.31	179.31
			MSPGCL Thml+Gas	174.43	174.43	Koyna 1,2 & 4 Total	1.18	1.18
			MSPGCL Hydro	4.88	4.88	State Total	376.97	376.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	6510	142	287	6939	2393	5364	0	0	4960	5115	-1799	18012	0	18012	2909	20921	50.00
2	6491	146	285	6922	2111	5362	0	0	5061	5050	-1647	17798	0	17798	2719	20517	50.01
3	6424	140	287	6851	1769	5237	0	0	4906	5003	-1478	17382	0	17382	2550	19932	50.00
4	6416	145	285	6846	1515	5206	0	0	4877	5158	-1350	17375	0	17375	2422	19797	50.02
5	6546	141	287	6974	1296	5518	0	0	4880	5014	-1289	17513	0	17513	2361	19874	50.03
6	6774	150	287	7211	945	5846	0	0	5156	5171	-1278	17895	0	17895	2389	20284	50.05
7	6833	201	288	7322	796	5990	0	50	5170	5122	-1006	18274	0	18274	2320	20594	50.05
8	6750	225	288	7263	1112	5674	0	211	5180	4838	-1138	17960	0	17960	2354	20314	50.12
9	6460	193	286	6939	1323	5297	0	453	5059	4796	-1460	17348	0	17348	2533	19881	50.07
10	6641	222	283	7146	1101	5142	0	658	5178	4977	-1701	17323	0	17323	2833	20156	50.02
11	6802	257	281	7340	930	5348	0	793	5409	5444	-1912	17943	0	17943	3078	21021	49.94
12	7001	233	269	7503	803	5700	0	835	5695	5425	-1916	18350	0	18350	3192	21542	49.99
13	7061	134	280	7475	709	5930	0	834	5725	5609	-1762	18795	0	18795	3220	22015	49.99
14	7238	184	267	7689	696	5797	0	838	5713	5530	-1786	18764	0	18764	3141	21905	49.93
15	7339	369	278	7986	625	5912	0	709	5787	5559	-1756	19035	0	19035	3244	22279	49.93
16	7456	432	280	8168	684	5901	0	537	5964	5872	-1704	19458	0	19458	3300	22758	50.02
17	7467	333	270	8070	911	5820	0	335	5809	5511	-1671	18976	0	18976	3225	22201	50.05
18	7161	144	282	7587	918	5469	0	185	5344	5348	-1548	17959	0	17959	3073	21032	50.05
19	6941	140	282	7363	814	5145	0	33	4903	4835	-1446	16744	0	16744	2901	19645	49.97
20	7156	215	284	7655	641	5418	0	0	4700	5049	-1352	17411	0	17411	2895	20306	49.90
21	7632	326	284	8242	586	5914	0	0	4725	4386	-1437	17691	0	17691	2876	20567	49.97
22	7632	150	284	8066	705	5937	0	0	4615	4688	-1635	17761	0	17761	2821	20582	49.90
23	7473	114	283	7870	912	6040	0	0	5046	4992	-1634	18180	0	18180	2864	21044	49.84
24	7455	139	285	7879	882	6084	0	0	5345	5113	-1494	18464	0	18464	2945	21409	49.92
MUs	167.66	4.88	6.77	179.31	25.18	135.05	0.00	6.47	125.21	123.61	-37.20	432.41	0.00	432.41	68.16	500.58	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 01/Jun/2019

Position as on 6.30 Hrs of 02/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 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 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	Koradi Unit 7	210	19/01/2019	18.21	01/06/2019	08.36	Poor Coal Receipt	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00	01/06/2019	09.08	Zero Schedule	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	28/05/2019	11.37	01/06/2019	11.58	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	29/05/2019	03.08	01/06/2019	04.14	Cooling Water Condenser Line Leakage.	
MSPGCL	Bhusawal Unit 3	210	01/06/2019	11.10	01/06/2019	12.53	Low furnace pressure	
MSPGCL	Bhusawal Unit 3	210	01/06/2019	13.21	01/06/2019	17.31	Low Vacuum	
MSPGCL	Koradi Unit 7	210	01/06/2019	19.28	02/06/2019	00.37	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 02/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 1	IntraState	01/06/2019	07.32	01/06/2019	08.03	PO	Converter Breaker And Isolators IN Open State For 20-25 Minutes.
Chandrapur - Padghe Hvdc Pole 1	IntraState	02/06/2019	06.38	02/06/2019	14.35	PO	Pre Monsoon Maintenance Work.
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	28/05/2019	17.57		Continued.	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	01/06/2019	12.27	01/06/2019	13.30	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	30/05/2019	19.05	01/06/2019	10.17	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	01/06/2019	12.21	01/06/2019	21.45	EO	Replacement Of Defective String AT LOC 9.
Khadka-Aurangabad (Waluj)	IntraState	01/06/2019	19.15		Continued.	HT	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.
400/220/33 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 Spare Ict 1 105 Mva @Karad	IntraState	31/05/2019	15.28	01/06/2019	13.42	PO	Testing Work
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	01/06/2019	10.19	01/06/2019	13.03	PO	Replacement Of B PH Fire Sensing Cable & DC Leakage Attending 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.
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Gadchandur - Grace	IntraState	01/06/2019	07:10	01/06/2019	11:05	PO	Crimping of Conductor with Repair sleeves at Loc.122
Niwali - Pawas Line	IntraState	01/06/2019	08.37	01/06/2019	18.30	PO	Chemical Washing Of Insulator String.
Pigasus-Hinjewadi-II	IntraState	01/06/2019	08.37	01/06/2019	10.54	PO	Removal Of Bird Nest On R PH Ctg Gantry.
Kandalgaon - Sona Alloys	IntraState	01/06/2019	08.50	01/06/2019	18.49	EO	Attending Hot Spot At Various Locations.
Flagship-Chinchwad	IntraState	01/06/2019	09.34	01/06/2019	13.58	PO	Routine Maintenance Work
Kharghar-Borivali ckt II	IntraState	01/06/2019	09.53	01/06/2019	14.38	PO	Replacement Of Pilot String At LOC 26.
Ghatghar - Bapgaon	IntraState	01/06/2019	10.01	01/06/2019	19.09	PO	R & B PH LA Replacement Work.
GIS Bhandup - Borivali	IntraState	01/06/2019	10.24	01/06/2019	14.05	PO	OUt For Safety Purpose.
Dahanu Versova	IntraState	01/06/2019	12.35	01/06/2019	15.05	T	Distance Protection;Versova-Z1,B PH,11.09KM,Dahanu-B PH,69.72KM.
Solapur(Bale) - Tuljapur	IntraState	01/06/2019	13.36	01/06/2019	17.44	PO	Bunching Work Of BAle -Solapur Pg Line Part Section.
Bombay Dyeing - Sahara	IntraState	01/06/2019	13.40	01/06/2019	16.06	EO	Replacement Of Defective String.
Osmanabad - Solapur (Bale)	IntraState	01/06/2019	13.45	01/06/2019	18.00	PO	Bunching Work Of BAle -Solapur Pg Line Part Section.
Trombay - Kalwa	IntraState	01/06/2019	14.57	01/06/2019	17.56	EO	Attending Hot Spot

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 01/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KORADI 2 - KAULEWADA CKT - I	IntraState	01/06/2019	16:42	01/06/2019	17:56	T	Differential protection
KORADI 2 - KAULEWADA CKT - II	IntraState	01/06/2019	16:42	01/06/2019	17:59	T	Distance Protection
Koradi-Butibori Rly Tss	IntraState	01/06/2019	17:12		Continued.	T	D/C Tower Collapse At LOC.NO.51
Koradi-Ambazari-I	IntraState	01/06/2019	17:12		Continued.	T	D/C Tower Collapse At LOC.NO.51.
Bus Coupler @ Koradi	IntraState	01/06/2019	17:12	01/06/2019	18:18	T	Distance Protection
Butibori-Butibori Rly Tss	IntraState	01/06/2019	17:20	01/06/2019	17:21	T	Distance Protection
Butibori-Abhijeet	IntraState	01/06/2019	18:21	01/06/2019	20:12	T	Distance Protection
Ambazari-Abhijeet	IntraState	01/06/2019	23:28		Continued.	EO	Making Dropper arrangement from 220kv Ambazari-Abhijeet ckt to 220kv Koradi-Butibori TSS ckt.
Pedambe-Nerle	IntraState	02/06/2019	03:12	02/06/2019	20:00	T	Distance Protection, B PH Fault.
Nalasopara-Boisar	IntraState	02/06/2019	03:25	02/06/2019	14:54	T	Distance Protection,B PH E/F 2.96 kA.
Mahad - Pedambe	IntraState	02/06/2019	07:45	02/06/2019	18:30	PO	Cold Line Washing Work.
Kalwa - Borivali	IntraState	02/06/2019	09:07	02/06/2019	17:34	PO	Stringing Of Missing Conductor.
Kalwa Salsette III	IntraState	02/06/2019	09:34	02/06/2019	14:10	PO	Installation Of LAS.
Kharepatan -Pawas Line	IntraState	02/06/2019	09:57	02/06/2019	18:45	PO	Chemical Washing Of Insulators.
220 KV VIRODA - AMALNER	IntraState	02/06/2019	16:33	02/06/2019	17:20	PO	Problem in Spring Mechanism
Kalmeshwar-Pandhurna	IntraState	02/06/2019	18:05	02/06/2019	19:26	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	02/06/2019	23:05		Continued.	PO	Insulator Cleaning Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22:48		Continued.	T	Buccholz Trip.
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	01/06/2019	09:47	01/06/2019	12:33	EO	Removal OF Bird Nest Of Y PH Conductor Drop Above Bus Insulator Near NGT.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	01/06/2019	11:30		Continued.	PO	Oil Filtration Work.
220/22-22 Kv 100 Mva Ptr 2 @Parvati	IntraState	01/06/2019	18:28	01/06/2019	19:00	EO	To Remove Bird Nest On Ct Gantry YPH.
132 KV LINE Outages/Trippings							
Kalmeshwar-Saoner 2	IntraState	01/06/2019	17:14	01/06/2019	18:12	T	Distance Protection
Bableshtar - Kopergaon	IntraState	02/06/2019	11:10	02/06/2019	11:55	EO	11KV Line Breakdown Attending Work.
Nanded - Jangamwadi II	IntraState	02/06/2019	13:08	02/06/2019	13:58	T	Tripped On Back Up Protection.
Paranda - Kallamb	IntraState	02/06/2019	15:05	02/06/2019	15:50	T	Distance Protection

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