

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 24/Jul/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.316	2861.269	1) Gujrat	-2.625	-72.352
2) Hydro	4.448	138.567	2) Madhya Pradesh	6.519	220.694
3) Gas	8.877	199.081	3) Chattisgarh	2.190	92.270
Total MSPGCL	141.641	3198.917	4) Maharashtra	111.143	2429.348
B) 1) APML	59.328	1490.504	5) Goa (Amona)	-0.440	-10.890
2) JSWEL	23.437	533.789	Total	116.787	2659.070
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.250	538.593
4) RPL(AMT)	23.431	118.460	b) Mumbai Drawl	31.463	691.092
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.708	201.274
6) Other IPP	2.353	59.447	Include PX	-6.278	-113.049
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.250	538.593
C) 1) TPCL Thermal	12.516	320.088	Include PX	9.500	163.428
2) TPCL Hydro	5.291	113.359	Standby	0.000	0.000
3) TPCL Gas	4.346	93.770	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.093	233.918	1) MSEDCL	383.272	8469.411
D) STATE			2) Mumbai Discoms	62.709	1452.230
1) Thermal	258.474	5617.475	TOTAL STATE	445.981	9921.641
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.739	251.926			
3) Gas (A3+B7+C3)	13.223	292.851			
4) Wind	42.619	983.375			
6) SOLAR	5.139	116.941			
TOTAL STATE	329.194	7262.568			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5346	5321	5445	5180
MSPGCL Hydro	150	82	317	47
MSPGCL Gas	366	363	358	379
MSPGCL Total Generation	5862	5766	6120	5606
Central Sector Receipt	5426	5360	4983	3969
WIND	1439	1447	2178	1850
CPP / IPP Thermal	5014	4872	4523	4102
CPP / IPP Gas	0	0	0	0
SOLAR	659	637	0	0
Exchange with Mumbai	-1837	-1774	-1318	-935
MSEDCL DEMAND MET	16563	16308	16486	14592
Load Shedding	0	0	0	0
MSEDCL DEMAND	16563	16308	16486	14592
TPCL GENERATION	1003	1018	1088	693
AEML GENERATION	375	375	374	374
MUMBAI DEMAND	3215	3167	2780	2002
STATE DEMAND MET	19778	19475	19266	16594
STATE DEMAND	19778	19475	19266	16594
Frequency (Hz)	50.05	50.04	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18.03 Hrs	49.81 Hz at 14.15 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 24/Jul/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.22	52.52	145	120
Unit 7	3.22	35.74	155	120
Unit 8	10.59	180.90	464	397
Unit 9	0.00	154.80	0	0
Unit 10	8.76	121.44	460	132
Total	25.80	545.41		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.80	238.38	410	355
Unit 5	7.97	223.12	375	315
Total	16.77	461.51		
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	3.94	59.36	180	140
Unit 4	3.56	75.86	157	130
Unit 5	7.20	180.45	334	177
Unit 6	7.86	176.63	400	230
Unit 7	8.84	182.96	379	344
Unit 8	9.15	199.90	470	360
Unit 9	8.72	135.61	430	270
Total	49.28	1010.77		
Paras				
Unit 3	0.00	114.35	0	0
Unit 4	5.12	99.93	250	184
Total	5.12	214.28		
Khaparkheda				
Unit 1	3.13	78.75	140	115
Unit 2	3.65	65.56	155	150
Unit 3	3.99	81.90	180	158
Unit 4	0.00	60.36	0	0
Unit 5	9.28	111.19	440	365
Total	20.05	397.76		
Nasik				
Unit 3	3.65	78.85	162	135
Unit 4	3.83	89.15	170	143
Unit 5	3.82	63.54	166	151
Total	11.30	231.54		
Uran				
All Units	8.88	199.08	405	352
Total	8.88	199.08		
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	2.00	50.59	430	40
Stage 4	0.00	16.27	0	0
Stage 3	1.30	33.08	148	0
Total	3.30	99.95		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	1.16	0	0
TILLARI	0.32	5.68	54	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.50	9.96	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	5.81	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	2.45	3	2
GHATGHAR	0.28	13.56	125	0
Total	1.15	38.62		
Wind				
Total	42.62	983.38	0	0
Total	42.62	983.38		
CPP				
APML(Mus)	59.33	1490.50	0	0
JSWEL(Mus)	23.44	533.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.43	118.46	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.35	59.45	0	0
Total	108.55	2202.20		
SOLAR				
Total	5.14	116.94	0	0
Total	5.14	116.94		
Tata				
Trombay 5	7.73	202.46	377	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	58.37	116	113
Trombay 7B	1.57	35.40	66	65
Trombay 8	4.79	117.63	209	196
TATA Hydro	5.29	113.36	389	50
Total	22.15	527.22		
AEML				
DTPS U-1&2	9.09	233.92	442	373
Total	9.09	233.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.32	2861.27	MSPGCL Total	141.64	3198.92
			MSPGCL Thml+Gas	137.19	3060.35	Koyna 1,2 & 4 Total	2.00	66.87
			MSPGCL Hydro	4.45	138.57	State Total	329.19	7262.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5138	43	405	5586	2229	4441	0	0	4719	4462	-1180	15538	0	15538	2454	17992	49.98
2	5109	77	402	5588	2152	4333	0	0	4275	4250	-1048	15275	0	15275	2215	17490	50.02
3	5120	67	388	5575	2033	4224	0	0	4263	4364	-964	15232	0	15232	2083	17315	50.02
4	5180	47	379	5606	1850	4102	0	0	4185	3969	-935	14592	0	14592	2002	16594	50.01
5	5152	57	370	5579	1759	4095	0	0	4369	4511	-900	15044	0	15044	1969	17013	50.01
6	5364	438	357	6159	1464	4076	0	0	5023	5387	-986	16100	0	16100	2055	18155	50.05
7	5541	392	357	6290	1398	4958	0	30	5320	5484	-912	17248	0	17248	2170	19418	50.00
8	5610	197	356	6163	1243	4718	0	205	5396	5322	-977	16674	0	16674	2314	18988	50.06
9	5602	223	356	6181	1342	4692	0	387	5519	5507	-1372	16737	0	16737	2632	19369	50.01
10	5401	220	352	5973	1403	4825	0	547	5439	5524	-1586	16686	0	16686	2945	19631	50.03
11	5383	235	355	5973	1466	4610	0	660	5634	5570	-1797	16482	0	16482	3133	19615	50.06
12	5346	150	366	5862	1439	5014	0	659	5635	5426	-1837	16563	0	16563	3215	19778	50.05
13	5321	82	363	5766	1447	4872	0	637	5599	5360	-1774	16308	0	16308	3167	19475	50.04
14	5284	82	359	5725	1638	4442	0	622	5374	5305	-1642	16090	0	16090	2989	19079	50.03
15	5349	222	372	5943	1577	4359	0	522	5088	5380	-1573	16208	0	16208	2952	19160	49.99
16	5397	82	374	5853	1929	4578	0	398	5108	4989	-1521	16226	0	16226	2937	19163	50.08
17	5373	114	371	5858	2041	4378	0	285	4700	4758	-1515	15805	0	15805	2899	18704	50.02
18	5382	127	365	5874	2105	4235	0	155	4733	4607	-1498	15478	0	15478	2854	18332	50.06
19	5349	180	383	5912	2284	4275	0	32	4678	4424	-1409	15518	0	15518	2790	18308	50.07
20	5445	317	358	6120	2178	4523	0	0	4847	4983	-1318	16486	0	16486	2780	19266	49.99
21	5392	351	361	6104	1953	4701	0	0	4813	4759	-1250	16267	0	16267	2690	18957	49.99
22	5427	315	376	6118	1965	4745	0	0	4410	4250	-1182	15896	0	15896	2571	18467	50.01
23	5412	221	384	6017	1923	4704	0	0	4104	3921	-1180	15385	0	15385	2491	17876	50.00
24	5239	209	368	5816	1801	4649	0	0	3801	4275	-1107	15434	0	15434	2402	17836	50.02
MUs	128.32	4.45	8.88	141.64	42.62	108.55	0.00	5.14	117.03	116.79	-31.46	383.27	0.00	383.27	62.71	445.98	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 24/Jul/2019

Position as on 6.30 Hrs of 25/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)	
MSPGCL	Koyna Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem	
MSPGCL	Koyna STG-IV Unit-2	250	18/07/2019	15.00		Continued.	Checking of Generator Protection System	
IPP	Adani U-2	660	21/07/2019	20.02	24/07/2019	06.26	Air pre heater problem.	
MSPGCL	Paras Unit 3	250	23/07/2019	12.05		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	24/07/2019	23.57		Continued.	Feed water Line Leakage	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2019

Statement-VII

Position as on 6.30 Hrs of 25/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 I	InterState	23/07/2019	14.32		Continued.	EO	Replacement of Flashover Disc Insulator String
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Babhleshwar - RIPL(Nashik)	IntraState	23/07/2019	10.10		Continued.	PO	Testing Work
New Koyna - Dabhol - II	IntraState	24/07/2019	10.28		Continued.	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.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	25/07/2019	03.48	25/07/2019	04.45	T	220KV Bus-I Protection Operated at Kharghar
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	25/07/2019	03.48		Continued.	T	220KV Bus-I Protection Operated at Kharghar
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)
UTECH SUGAR BABHALESHWAR	IntraState	24/07/2019	08.09		Continued.	PO	Testing Work
Khaparkheda-Ambazari-I	IntraState	24/07/2019	10.08	24/07/2019	14.42	PO	Repl.of Flashover Disc Insulator String
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	24/07/2019	10.11	24/07/2019	13.54	PO	Quarterly Maintenance Work
220 KV DEEPNAGAR - VIRODA	IntraState	24/07/2019	10.11	24/07/2019	17.07	EO	To attend Hot Spot
Ambazari-Amravati	IntraState	24/07/2019	10.47		Continued.	PO	To Carry out Ambazari-Amravati LLO activities
Karad(400kv) - Wathar	IntraState	24/07/2019	11.01	24/07/2019	15.25	PO	B phase Flashover long rod Polymer Insulator replacement(DSN)
Parly-Parly Extn.-II	IntraState	24/07/2019	11.20	24/07/2019	14.00	EO	Attending Oil Leakage
Virur - Virurlytss1	IntraState	24/07/2019	12.21	24/07/2019	13.45	EO	Sparking at TSS end
Balapur-Malegaon	IntraState	24/07/2019	14.06	25/07/2019	00.41	EO	PID Faulty Disc Replacement work
Satana-Gangapur	IntraState	24/07/2019	14.31	24/07/2019	16.22	PO	To attend Hot Spot
Khaparkheda-Kalmeshwar	IntraState	24/07/2019	14.55	24/07/2019	18.25	PO	Repl.of Flashover Disc Insulator String
BUS A @Kharghar	IntraState	25/07/2019	03.48		Continued.	T	Bus-I B phase PT Burst
Kharghar - Nerul	IntraState	25/07/2019	03.48	25/07/2019	05.36	T	Bus Bar Protection Operated at Kharghar
Uran - Kharghar I	IntraState	25/07/2019	03.48	25/07/2019	05.21	T	Bus Bar Protection Operated at Kharghar
Kharghar-Borivali ckt I	IntraState	25/07/2019	03.48		Continued.	T	Bus Bar Protection Operated at Kharghar
Kharghar-Panvel TSS	IntraState	25/07/2019	03.48		Continued.	T	Bus Bar Protection Operated at Kharghar
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	24/07/2019	09.17	24/07/2019	15.05	PO	Routine Maintenance Work
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	24/07/2019	10.42	24/07/2019	14.17	PO	Inspection of DM Box by agency
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	24/07/2019	14.02	24/07/2019	16.55	PO	Attending Oil Leakage
200MVA ICT VI @ Nasik GCR	IntraState	24/07/2019	14.36	24/07/2019	15.06	PO	Inspection of DM box by agency

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