

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 24/Oct/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.205	2987.140	1) Gujrat	2.224	47.497
2) Hydro	3.376	254.770	2) Madhya Pradesh	18.136	484.921
3) Gas	6.810	160.707	3) Chattisgarh	6.920	172.090
Total MSPGCL	138.391	3402.617	4) Maharashtra Net	171.332	3884.329
B) 1) APML	75.804	1601.169	5) Goa (Amona)	-0.286	-6.270
2) JSWEL	26.655	662.433	Total	198.326	4582.567
3) VIPL	4.403	179.319	a) Mumbai Schedule	29.348	684.044
4) RPL(AMT)	6.423	154.561	b) Mumbai Drawl	30.681	740.341
5) WPCL	5.425	115.322	c) MSEDCL Bilateral *	86.796	1953.154
6) PGPL	0.000	0.000	Include PX	50.092	1147.198
7) Other IPP	8.598	174.485	d) Mumbai Bilateral *	29.348	682.088
C) 1) TPCL Thermal	15.792	381.363	Include PX	13.568	270.379
2) TPCL Hydro	3.437	101.982	Include Standby	0.000	1.956
3) TPCL Gas	4.346	104.479	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.777	278.854	1) MSEDCL	444.146	10438.040
D) STATE			2) Mumbai Discoms	65.033	1607.022
1) Thermal	282.082	6534.646	TOTAL STATE	509.179	12045.062
(A1+C1+C4+(B1-B6))					
2) Hydro	6.813	356.752			
(A2+C2)					
3) Gas	11.156	265.186			
(A3+B6+C3)					
4) Wind	5.264	171.163			
6) SOLAR	5.538	134.745			
TOTAL STATE	310.853	7462.492			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5320	5340	5373	5249
MSPGCL Hydro	127	132	205	115
MSPGCL Gas	259	265	273	295
MSPGCL Total Generation	5706	5737	5851	5659
Central Sector Receipt	9822	9762	7447	6758
WIND	257	196	418	243
CPP / IPP Thermal	5395	5414	5388	5223
CPP / IPP Gas	0	0	0	0
SOLAR	797	806	0	0
Exchange with Mumbai	-1495	-1511	-1301	-1550
MSEDCL DEMAND MET	20482	20404	17803	16333
Load Shedding	0	0	0	0
MSEDCL DEMAND	20482	20404	17803	16333
TPCL GENERATION	1227	1172	1332	703
R-INFRA GENERATION	500	502	502	375
MUMBAI DEMAND	3222	3185	3135	2628
STATE DEMAND MET	23704	23589	20938	18961
STATE DEMAND	23704	23589	20938	18961
Frequency (Hz)	49.93	49.97	49.93	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12.01 Hrs	49.75 Hz at 18.24 Hrs	49.96	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/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.35	0	0
Unit 7	0.00	0.00	0	0
Unit 8	6.29	96.49	305	224
Unit 9	7.23	230.93	320	286
Unit 10	6.98	125.52	302	280
Total	20.50	459.30		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.08	209.72	360	325
Unit 5	8.10	137.47	375	325
Total	16.18	347.19		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.52	105.31	250	172
Unit 7	0.00	77.02	0	0
Unit 8	5.38	24.59	235	198
Total	10.91	206.92		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.23	100.00	185	170
Unit 5	0.00	170.45	0	0
Unit 6	9.97	213.72	425	400
Unit 7	9.97	214.64	428	400
Unit 8	10.55	240.11	450	410
Unit 9	10.84	238.50	468	419
Total	45.57	1178.93		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.75	137.40	250	222
Total	5.75	137.40		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.72	66.03	175	110
Unit 3	4.12	82.88	186	151
Unit 4	3.72	87.22	167	140
Unit 5	10.11	246.97	480	400
Total	21.66	483.10		
Nasik				
Unit 3	0.00	76.31	0	0
Unit 4	3.79	82.47	163	151
Unit 5	3.85	15.53	166	150
Total	7.64	174.31		
Uran				
All Units	6.81	160.71	305	251
Total	6.81	160.71		
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)	0.17	15.85	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	15.85		
Koyna				
Stage 1-2	1.01	77.78	50	40
Stage 4	0.00	93.29	0	0
Stage 3	0.10	37.66	54	0
Total	1.11	208.72		
Hydro				
KDPH	0.89	12.46	37	37
VTRNA	0.00	0.36	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	5.52	77	0
RNGR+BHTSA	0.39	9.25	17	16
BHANDARDRA	0.33	6.29	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	6.27	21	9
GHATGHAR	0.14	4.02	70	0
Total	2.26	46.04		
Wind				
Total	5.26	171.16	0	0
Total	5.26	171.16		
CPP				
APML(Mus)	75.80	1601.17	0	0
JSWEL(Mus)	26.66	662.43	0	0
VIPL(Mus)	4.40	179.32	0	0
RPLAMT(Mus)	6.42	154.56	0	0
WPCL(Mus)	5.42	115.32	0	0
Other(Mus)	8.60	174.48	0	0
Total	127.31	2887.29		
SOLAR				
Total	5.54	134.74	0	0
Total	5.54	134.74		
Tata				
Trombay 5	10.45	250.19	478	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	66.23	115	114
Trombay 7B	1.59	38.24	67	65
Trombay 8	5.34	131.18	236	187
TATA Hydro	3.44	101.98	455	0
Total	23.58	587.82		
R-INFRA				
DTPS U-1&2	10.78	278.85	502	373
Total	10.78	278.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.20	2987.14	MSPGCL Total	138.39	3402.62
			MSPGCL Thml+Gas	135.02	3147.85	Koyna 1,2 & 4 Total	1.01	171.07
			MSPGCL Hydro	3.38	254.77	State Total	310.85	7462.49

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Oct/2018

Annexure-2

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	5340	123	298	5761	92	5143	0	0	7408	7284	-1397	16883	0	16883	2480	19363	49.98
2	5330	118	299	5747	116	5165	0	0	7334	7546	-1150	17424	0	17424	2269	19693	49.95
3	5357	118	300	5775	105	5227	0	0	7953	7598	-900	17805	0	17805	2131	19936	49.95
4	5334	118	301	5753	122	5237	0	0	7997	7669	-798	17983	0	17983	2024	20007	49.97
5	5399	123	293	5815	135	5206	0	0	8216	8166	-745	18577	0	18577	1968	20545	49.97
6	5368	118	303	5789	166	5212	0	0	8834	8812	-791	19188	0	19188	2038	21226	49.95
7	5342	128	305	5775	196	5384	0	12	8721	8752	-773	19346	877	20223	2136	22359	49.96
8	5353	123	302	5778	266	5271	0	174	8166	7757	-844	18402	889	19291	2233	21524	49.99
9	5360	118	298	5776	269	5266	0	386	8237	8103	-1124	18676	470	19146	2516	21662	49.90
10	5381	205	283	5869	293	5335	0	678	8690	8491	-1400	19266	92	19358	2864	22222	49.90
11	5305	181	284	5770	283	5405	0	792	9486	9321	-1422	20149	0	20149	3119	23268	49.97
12	5320	127	259	5706	257	5395	0	797	9840	9822	-1495	20482	0	20482	3222	23704	49.93
13	5340	132	265	5737	196	5414	0	806	9837	9762	-1511	20404	0	20404	3185	23589	49.97
14	5407	126	262	5795	193	5355	0	721	9409	9585	-1466	20183	0	20183	3115	23298	49.98
15	5363	121	251	5735	194	5409	0	572	9938	9908	-1566	20252	0	20252	3206	23458	49.97
16	5344	166	262	5772	186	5386	0	373	9920	9838	-1624	19931	0	19931	3281	23212	49.94
17	5377	170	265	5812	303	5423	0	195	9199	8955	-1539	19149	0	19149	3249	22398	49.94
18	5361	121	269	5751	251	5384	0	32	8131	7948	-1371	17995	0	17995	3146	21141	49.95
19	5373	205	273	5851	418	5388	0	0	7526	7447	-1301	17803	0	17803	3135	20938	49.93
20	5382	268	280	5930	229	5405	0	0	7665	7498	-1322	17740	0	17740	3003	20743	49.94
21	5334	116	292	5742	225	5222	0	0	7688	7438	-1529	17098	0	17098	2820	19918	50.03
22	5295	116	285	5696	246	5215	0	0	7014	6972	-1518	16611	0	16611	2659	19270	50.04
23	5249	115	295	5659	243	5223	0	0	6838	6758	-1550	16333	0	16333	2628	18961	50.02
24	5191	120	286	5597	280	5238	0	0	7175	6896	-1545	16466	0	16466	2606	19072	50.01
MUs	128.20	3.38	6.81	138.39	5.26	127.31	0.00	5.54	201.22	198.33	-30.68	444.15	2.33	446.47	65.03	511.51	49.96

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/Oct/2018

Position as on 6.30 Hrs of 25/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	20/10/2018	05.48		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	20/10/2018	22.30		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	21/10/2018	11.58		Continued.	Coal Swapping With DIL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 25/Oct/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
Padgha Tarapur I	InterState	23/10/2018	09.05	24/10/2018	21.19	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	23/10/2018	17.23	24/10/2018	09.30	HT	Over Voltage
Chandrapur Bhadravati III	InterState	24/10/2018	09.50	24/10/2018	22.26	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	24/10/2018	16.36	25/10/2018	09.25	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	25/10/2018	09.56	25/10/2018	21.27	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	25/10/2018	19.14		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Bhusawal-Aurangabad	IntraState	23/10/2018	20.00	24/10/2018	09.24	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	24/10/2018	12.50	24/10/2018	17.31	PO	Overhauling and servicing of Isolators
Main Bus-II @ Koradi	IntraState	24/10/2018	13.07	24/10/2018	16.30	PO	Tan Delta Measurement of CTs
Lonikand I - Koyana stage-IV	IntraState	24/10/2018	19.48	25/10/2018	04.52	T	Distance Protection B Phase zone -2. 169 KM from Lonikand
Jaigad-Karad Ckt-I	IntraState	25/10/2018	10.32	25/10/2018	16.14	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	25/10/2018	20.33		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	23/10/2018	23.45	24/10/2018	01.38	EO	To attend red hot spot on B-Bus B-ph isolator of 500 MVA 400/220KV ICT-5 on 220KV side.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	24/10/2018	01.45	24/10/2018	01.50	EO	Handtripped to carry out Load Balance On Bus Coupler.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	24/10/2018	03.57	24/10/2018	11.14	T	Bucchoz Protection Optd
400/220kv 315 Mva ICT II @Karad	IntraState	24/10/2018	10.06	24/10/2018	12.51	PO	Shifted On TBC For Breaker Overhauling Work.
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	25/10/2018	00.55	25/10/2018	05.07	EO	To attend Hot Spot
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	25/10/2018	06.13	25/10/2018	09.59	EO	To attend Hot Spot
400/220 kV 500MVA ICT-I @ Alkud	IntraState	25/10/2018	17.29	25/10/2018	18.34	PO	Attend Problem Of TCIV(CTR Make NIFPS) Of B Phase ICT.
400/220kv 315MVA ICT-I@Parly	IntraState	25/10/2018	18.35	25/10/2018	21.03	PO	Bucholz Alarm 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.
Khaparkheda-Butibori 3	InterState	24/10/2018	10.44	24/10/2018	16.10	PO	Routine Maintenance Work
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.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Nerul-Trombay	IntraState	19/10/2018	13.13		Continued.	PO	Conductor Replacement Work.continuous Upto
Eklahare (Gcr) - Ghatghar	IntraState	22/10/2018	15.19		Continued.	PO	Routine Maintenance Work
Boisar Versova Line	IntraState	23/10/2018	23.43	24/10/2018	07.40	EO	Attending Hot Spot At Tower No.SS277.

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 24/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 25/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bapgaon - Kalwa	IntraState	23/10/2018	23.45	24/10/2018	01.18	EO	Attending Hot Spot
Nadgaonpeth-Amravati	IntraState	24/10/2018	08.27	24/10/2018	14.38	EO	To attend Hot Spot
Dhule-Chalisagaon	IntraState	24/10/2018	08.35	24/10/2018	11.20	PO	Attending Oil Leakage
Vita-Hiwarwadi	IntraState	24/10/2018	10.07	24/10/2018	13.08	PO	Testing Work
Tembhurni - Jeur	IntraState	24/10/2018	10.25	24/10/2018	15.05	PO	Quarterly Maintainance Work
Karad -Mudshingi Ckt- IV	IntraState	24/10/2018	11.00	24/10/2018	14.47	PO	Quarterly Maintainance Work
Nagothane - Ipcl	IntraState	24/10/2018	11.46	24/10/2018	18.39	PO	Testing Work
Umred-Virangana 1	IntraState	24/10/2018	12.06	24/10/2018	16.19	PO	Tan Delta Measurment of CTs
Koradi-Ambazari-Ii	IntraState	24/10/2018	12.53	24/10/2018	17.26	PO	Testing Work
220KV Borivali (M) - Borivali (T) ckt I	IntraState	25/10/2018	06.20		Continued.	EO	To attend Hot Spot on CT.
Bapgaon - Kalwa	IntraState	25/10/2018	07.10	25/10/2018	11.45	EO	Attending Hot Spot At LOC No 401
Yeotmal- Pusad	IntraState	25/10/2018	08.41	25/10/2018	19.45	T	Isolator REPI.
K'Kheda- Suryalakshmi	IntraState	25/10/2018	08.42	25/10/2018	13.07	T	Tan Delta Measurment of CTs
Kolshet-Roma	IntraState	25/10/2018	10.18	25/10/2018	19.06	PO	Routine Maintenance Work
Lonikand-VSNL	IntraState	25/10/2018	10.10	25/10/2018	10:38	PO	Routine Maintenance Work
ALEPHATA UTECH SUGAR	IntraState	25/10/2018	14.00	25/10/2018	14.45	PO	Routine Maintenance Work
Theur-Jejuri	IntraState	25/10/2018	14.30	25/10/2018	17.27	PO	CRM Testing Of breaker.
Jejuri (400 Kv)-Jejuri- Ii	IntraState	25/10/2018	17.07	25/10/2018	19.45	PO	Testing Work
Dahanu Ghodbunder Line 1	IntraState	25/10/2018	17.27	25/10/2018	18.52	PO	Routine Maintenance Work
Alkud Miraj	IntraState	25/10/2018	17.52	25/10/2018	19.45	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 2 @Versova R/S	IntraState	24/10/2018	09.47	24/10/2018	17.49	PO	Attending Oil Leakage
220/110 Kv 200 Mva Vel Ptr 2 @Kolhapur-Ii (Mudshingi)	IntraState	25/10/2018	10.10	25/10/2018	16.38	PO	Routine Maintenance Work
220/132kV 200MVA ICT-III @ Nanded	IntraState	25/10/2018	10.26	25/10/2018	11.25	T	To Attend CTR Oil Leakage
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	25/10/2018	10.26	25/10/2018	19.08	PO	Diagnostic Testing.
132 KV LINE Outages/Trippings							
Dhule(220kv) - Dhule(132 Kv) 1	IntraState	24/10/2018	06.00	24/10/2018	15.58	T	Distance Protection Zone-2, B phase
Parli 2(Girwali) -Gangakhed	IntraState	25/10/2018	03.55	25/10/2018	04.55	T	Distance Protection operated Zone 1 BHP. 5.35KM,4.22KA.
Ambazari-Arvi	IntraState	25/10/2018	06.52	25/10/2018	07.15	T	Distance Protection operated zone 1 38.6KM , 2.56KA.

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