

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.486	3429.679	1) Gujrat	-1.956	-57.547
2) Hydro	25.038	419.903	2) Madhya Pradesh	14.839	417.367
3) Gas	10.137	237.010	3) Chattisgarh	6.340	162.530
Total MSPGCL	176.661	4086.592	4) Maharashtra Net	122.524	3035.426
B) 1) APML	49.278	1135.906	5) Goa (Amona)	-0.748	-11.176
2) JSWEL	28.087	526.687	Total	140.999	3546.600
3) VIPL	7.472	140.174	a) Mumbai Schedule	26.834	613.046
4) RPL(AMT)	26.645	574.422	b) Mumbai Drawl	29.923	712.890
5) WPCL	5.697	128.681	c) MSEDCL Bilateral *	28.416	837.527
6) PGPL	0.000	0.000	Include PX	-5.607	69.140
7) Other IPP	12.138	300.312	d) Mumbai Bilateral *	26.834	612.176
C) 1) TPCL Thermal	17.175	371.245	Include PX	10.550	214.623
2) TPCL Hydro	6.309	109.222	Include Standby	0.000	0.870
3) TPCL Gas	4.398	99.488	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.959	269.326	1) MSEDCL	440.415	10143.193
D) STATE			2) Mumbai Discoms	69.764	1562.179
1) Thermal	299.937	6876.432	TOTAL STATE	510.179	11705.372
(A1+C1+C4+(B1-B6))					
2) Hydro	31.347	529.125			
(A2+C2)					
3) Gas	14.535	336.498			
(A3+B6+C3)					
4) Wind	16.624	279.660			
6) SOLAR	6.737	137.049			
TOTAL STATE	369.180	8158.764			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6164	6036	5913	5581
MSPGCL Hydro	1516	1735	983	327
MSPGCL Gas	405	395	410	435
MSPGCL Total Generation	8085	8166	7306	6343
Central Sector Receipt	6622	7140	5480	5141
WIND	298	452	804	1053
CPP / IPP Thermal	5179	5252	5355	5686
CPP / IPP Gas	0	0	0	0
SOLAR	907	581	0	0
Exchange with Mumbai	-1549	-1592	-1220	-869
MSEDCL DEMAND MET	19542	19999	17725	17354
Load Shedding	0	0	0	0
MSEDCL DEMAND	19542	19999	17725	17354
TPCL GENERATION	1324	1371	1370	869
R-INFRA GENERATION	497	496	499	498
MUMBAI DEMAND	3370	3459	3089	2236
STATE DEMAND MET	22912	23458	20814	19590
STATE DEMAND	22912	23458	20814	19590
Frequency (Hz)	49.96	49.94	49.91	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.04 Hrs	49.77 Hz at 22.08 Hrs	49.97	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/Apr/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.18	179.99	408	350
Unit 9	9.61	241.54	454	349
Unit 10	8.61	240.84	451	151
Total	27.40	662.38		
Bhusawal				
Unit 3	4.30	101.20	200	155
Unit 4	10.35	268.26	480	400
Unit 5	10.76	272.29	490	420
Total	25.40	641.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.76	123.22	240	0
Unit 7	5.63	127.85	245	202
Unit 8	5.12	97.03	229	204
Total	14.51	348.10		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.96	33.49	466	434
Unit 6	0.00	0.00	0	0
Unit 7	10.71	255.48	450	440
Unit 8	0.00	202.04	0	0
Unit 9	9.11	245.57	389	370
Total	30.78	736.58		
Paras				
Unit 3	5.82	136.57	250	190
Unit 4	5.87	95.46	252	225
Total	11.69	232.02		
Khaparkheda				
Unit 1	3.64	79.80	170	130
Unit 2	4.52	103.36	195	175
Unit 3	0.00	76.98	0	0
Unit 4	4.34	108.50	190	175
Unit 5	10.51	252.85	480	420
Total	23.02	621.49		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.17	42.21	189	112
Unit 5	4.50	103.48	193	184
Total	8.67	187.36		
Uran				
All Units	10.14	237.01	444	395
Total	10.14	237.01		
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)	0.05	1.84	34	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.84		
Koyna				
Stage 1-2	5.18	103.89	505	40
Stage 4	11.39	155.49	1000	0
Stage 3	3.74	56.82	240	0
Total	20.31	316.21		
Hydro				
KDPH	0.86	20.72	36	36
VTRNA	1.36	25.28	61	0
TILLARI	0.41	8.83	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	5.76	40	0
RNGR+BHTSA	0.30	6.88	13	12
BHANDARDRA	0.48	11.77	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	14.18	35	22
GHATGHAR	0.36	10.27	125	0
Total	4.73	103.70		
Wind				
Total	16.62	279.66	0	0
Total	16.62	279.66		
CPP				
APML(Mus)	49.28	1135.91	0	0
JSWEL(Mus)	28.09	526.69	0	0
VIPL(Mus)	7.47	140.17	0	0
RPLAMT(Mus)	26.64	574.42	0	0
WPCL(Mus)	5.70	128.68	0	0
Other(Mus)	12.14	300.31	0	0
Total	129.32	2806.18		
SOLAR				
Total	6.74	137.05	0	0
Total	6.74	137.05		
Tata				
Trombay 5	11.60	245.33	490	464
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	62.47	118	110
Trombay 7B	1.59	37.02	67	65
Trombay 8	5.58	125.92	243	221
TATA Hydro	6.31	109.22	459	0
Total	27.88	579.96		
R-INFRA				
DTPS U-1&2	11.96	269.33	501	495
Total	11.96	269.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.49	3429.68	MSPGCL Total	176.66	4086.59
			MSPGCL Thml+Gas	151.62	3666.69	Koyna 1,2 & 4 Total	16.57	259.38
			MSPGCL Hydro	25.04	419.90	State Total	369.18	8158.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Apr/2018

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	5484	1310	431	7225	967	5694	0	0	5175	5096	-1229	17753	0	17753	2807	20560	49.89
2	5446	1113	434	6993	963	5697	0	0	5083	5367	-1106	17914	0	17914	2572	20486	49.96
3	5422	540	444	6406	990	5684	0	0	5325	5224	-979	17325	0	17325	2411	19736	49.98
4	5523	367	433	6323	1165	5598	0	0	5510	5180	-908	17358	0	17358	2301	19659	50.00
5	5581	327	435	6343	1053	5686	0	0	5371	5141	-869	17354	0	17354	2236	19590	49.99
6	5846	351	435	6632	986	5631	0	0	5723	5428	-817	17860	0	17860	2235	20095	49.95
7	5963	1047	437	7447	844	5645	0	37	5679	5696	-767	18902	0	18902	2233	21135	49.99
8	6057	853	444	7354	606	5622	0	225	5678	6002	-879	18930	0	18930	2370	21300	49.98
9	6010	456	432	6898	643	5369	0	469	5949	5872	-1090	18161	0	18161	2659	20820	50.01
10	6005	750	424	7179	571	5044	0	673	6228	6328	-1344	18451	0	18451	3016	21467	50.01
11	6127	825	419	7371	380	5151	0	816	6452	6451	-1507	18662	0	18662	3286	21948	49.97
12	6164	1516	405	8085	298	5179	0	907	6702	6622	-1549	19542	0	19542	3370	22912	49.96
13	6151	1605	414	8170	227	5152	0	899	7054	7017	-1584	19881	0	19881	3358	23239	50.01
14	6140	1161	406	7707	293	5163	0	861	6988	7235	-1499	19760	0	19760	3269	23029	50.02
15	6033	1291	416	7740	349	5213	0	751	6942	7008	-1529	19532	0	19532	3382	22914	49.99
16	6036	1735	395	8166	452	5252	0	581	7130	7140	-1592	19999	0	19999	3459	23458	49.94
17	6024	1847	417	8288	516	5245	0	366	6911	6867	-1539	19743	0	19743	3407	23150	49.95
18	6026	2058	420	8504	471	5227	0	136	6335	6332	-1475	19195	0	19195	3284	22479	49.98
19	5995	1058	423	7476	636	5177	0	16	5707	5449	-1380	17374	0	17374	3107	20481	49.93
20	5913	983	410	7306	804	5355	0	0	4996	5480	-1220	17725	0	17725	3089	20814	49.91
21	6040	970	424	7434	925	5381	0	0	4859	4552	-1216	17076	0	17076	3032	20108	49.96
22	5856	965	437	7258	910	5410	0	0	4838	4831	-1230	17179	0	17179	2945	20124	49.98
23	5813	970	402	7185	830	5384	0	0	4973	5257	-1286	17370	0	17370	2953	20323	49.91
24	5831	940	400	7171	745	5359	0	0	5276	5424	-1329	17370	0	17370	2983	20353	49.96
MUs	141.49	25.04	10.14	176.66	16.62	129.32	0.00	6.74	140.88	141.00	-29.92	440.42	0.00	440.42	69.76	510.18	49.97

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/Apr/2018

Position as on 6.30 Hrs of 25/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem	
MSPGCL	Parli Unit 6	250	22/04/2018	08.50	24/04/2018	02.40	Boiler Validity Exp.	
MSPGCL	Khaparkheda Unit 3	210	23/04/2018	08.36		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	23/04/2018	22.13		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	

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

Statement-VII

Position as on 6.30 Hrs of 25/Apr/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
Dhule Sar'Sarovar I	InterState	21/04/2018	18.20		Continued.	HT	Over Voltage
Koradi Satpur	InterState	24/04/2018	10.06	24/04/2018	19.28	PO	Routine Maintenance Work
Ektuni-Bableshwar ckt I	IntraState	23/04/2018	18.44	24/04/2018	03.08	EO	ATTENDING GAS LEKAGE.
Karad - Jaigad - II	IntraState	24/04/2018	13.54		Continued.	PO	CVT Replacement work(RFC 18.59 Hrs)
Koradi 2-IEPL	IntraState	24/04/2018	14.47	24/04/2018	17.37	T	Distance Protection
Koradi-India Bulls	IntraState	24/04/2018	16.12	24/04/2018	18.14	T	Distance Protection
Dhule- Bableshwar - I	IntraState	24/04/2018	16.35	24/04/2018	20.32	PO	Replacement of LA
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	23/04/2018	17.32	24/04/2018	00.01	PO	Attending Hot Spot
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Mulund - GIS Bhandup	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Chalisgaon - Deepnagar	IntraState	24/04/2018	06.17	24/04/2018	13.09	PO	CT Replacement work
Butibori - Wardha	IntraState	24/04/2018	07.15	24/04/2018	09.27	EO	To attend Hot Spot
Karad(400kv) - Ogalewadi Ckt 1	IntraState	24/04/2018	08.41	24/04/2018	16.15	PO	Testing Work
Miraj - Mhaishal	IntraState	24/04/2018	09.36	24/04/2018	11.25	PO	Routine Maintenance Work
Ghatghar - Bapgaon	IntraState	24/04/2018	10.44	24/04/2018	16.37	PO	Faulty Disc Replacement work
New Koyna - Niwali	IntraState	24/04/2018	13.57	24/04/2018	18.58	PO	Line Signature Analysis
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	24/04/2018	14.07	24/04/2018	14.30	T	Over Current Protection
Bus Coupler @ Kalwa	IntraState	24/04/2018	18.49	24/04/2018	19.37	T	Bus Bar Protection Operated
Kalwa - Airoli Knowledge Park	IntraState	24/04/2018	18.49	24/04/2018	19.50	T	Bus Bar Protection Operated
Apta - Talaja	IntraState	24/04/2018	19.02	25/04/2018	01.00	HT	H/T For Sparking
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm
220/132Kv 200MVA ICT-I @ Akola	IntraState	24/04/2018	15.03	24/04/2018	16.15	PO	For Opening of the Tan Delta Cap of Bushing
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	24/04/2018	18.49	24/04/2018	19.47	T	Bus Bar Protection Operated
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	24/04/2018	18.49	24/04/2018	19.22	T	Bus Bar Protection Operated
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	24/04/2018	18.49	24/04/2018	19.49	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							

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/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Midc Akola-Durgwada	IntraState	24/04/2018	13.02	24/04/2018	13.25	T	Distance Protection
100 KV LINE Outages/Trippings							
Buscoupler @ Kalwa	IntraState	24/04/2018	18.49	24/04/2018	19.36	T	Bus Bar Protection Operated
Kalwa - Reliable	IntraState	24/04/2018	18.49	24/04/2018	19.37	T	Bus Bar Protection Operated
Kalwa - Mukand 1	IntraState	24/04/2018	18.49	24/04/2018	19.36	T	Bus Bar Protection Operated
Kalwa-Kalyan-Salsette	IntraState	24/04/2018	18.49	24/04/2018	20.33	T	Bus Bar Protection Operated
Kalwa-Kalyan	IntraState	24/04/2018	18.49	24/04/2018	20.32	T	Bus Bar Protection Operated
Kalwa - Nocil 1	IntraState	24/04/2018	18.49	24/04/2018	19.35	T	Bus Bar Protection Operated
100KV Kalwa - Sify	IntraState	24/04/2018	18.49	24/04/2018	19.33	T	Bus Bar Protection Operated
Kalwa - Vashi 1	IntraState	24/04/2018	18.49	24/04/2018	19.24	T	Bus Bar Protection Operated
Kalwa- Nocil II	IntraState	24/04/2018	18.49	24/04/2018	19.36	T	Bus Bar Protection Operated

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