

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Apr/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.044	2515.657	1) Gujrat	-3.724	-117.358
2) Hydro	7.261	258.350	2) Madhya Pradesh	15.983	347.125
3) Gas	10.454	244.689	3) Chattisgarh	7.180	184.580
Total MSPGCL	127.759	3018.696	4) Maharashtra Net	95.436	2438.890
B) 1) APML	49.843	1490.743	5) Goa (Amona)	-0.380	-12.246
2) JSWEL	19.945	623.088	6) TAPS 1&2 Injection	3.564	82.919
3) VIPL	12.258	302.811	7) RGPPL Injection	11.616	279.386
4) RPL(AMT)	14.089	378.218	8) Pench (MS)	0.035	2.923
5) WPCL	4.418	107.976	9) Pench (Excess)	-0.035	-2.923
6) Other IPP	6.060	170.504	Total	129.640	3200.373
C) 1) TPCL Thermal	14.114	377.798	a) Mumbai Schedule	22.008	651.727
2) TPCL Hydro	0.522	72.107	b) Mumbai Drawl	26.749	744.146
3) TPCL Gas	4.152	96.155	c) MSEDCL Bilateral *	31.934	769.227
4) R-INFRA Thermal	4.842	137.494	Include PX	-0.376	-69.131
D) STATE			d) Mumbai Bilateral *	22.008	651.727
1) Thermal	235.613	6104.289	Include PX	4.811	154.283
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.783	330.457	H) ENERGY CATERED (MUs)		
3) Gas	14.606	340.844	1) MSEDCL	359.005	8907.579
4) Wind	20.290	327.331	2) Mumbai Discoms	50.379	1427.708
6) SOLAR	1.452	31.985	TOTAL STATE	409.384	10335.287
TOTAL STATE	279.744	7134.906			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4924	4706	4604	4549
MSPGCL Hydro	522	130	427	96
MSPGCL Gas	425	433	433	443
MSPGCL Total Generation	5871	5269	5464	5088
Central Sector Receipt	6192	5815	5275	5067
WIND	435	954	954	789
CPP / IPP	4570	4541	4432	4502
SOLAR	173	191	0	0
Exchange with Mumbai	-1036	-1096	-1313	-977
MSEDCL DEMAND MET	16205	15674	14812	14469
Load Shedding	0	0	0	0
MSEDCL DEMAND	16205	15674	14812	14469
TPCL GENERATION	864	857	825	680
R-INFRA GENERATION	202	202	202	201
MUMBAI DEMAND	2102	2155	2340	1858
STATE DEMAND MET	18307	17829	17152	16327
STATE DEMAND	18307	17829	17152	16327
Frequency (Hz)	50.00	50.00	49.89	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:00 Hrs	49.65 Hz at 00:07 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/Apr/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
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	62.60	0	0
Total	0.00	62.60		
Bhusawal				
Unit 2	3.78	88.36	170	150
Unit 3	1.82	84.43	165	0
Unit 4	8.58	247.44	365	350
Unit 5	8.55	250.92	365	350
Total	22.74	671.16		
Parli				
Unit 3	0.00	0.00	0	0
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
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.54	108.16	200	169
Unit 4	4.34	86.15	194	165
Unit 5	9.48	241.03	455	330
Unit 6	10.08	71.27	480	365
Unit 7	9.91	219.32	445	360
Total	38.34	725.92		
Paras				
Unit 3	5.29	128.04	243	188
Unit 4	5.72	128.12	258	192
Total	11.01	256.15		
Khaparkheda				
Unit 1	3.94	96.30	185	160
Unit 2	3.98	85.68	185	160
Unit 3	4.12	104.83	210	160
Unit 4	4.12	105.09	210	156
Unit 5	9.84	127.01	505	370
Total	25.99	518.91		
Nasik				
Unit 3	4.00	97.67	170	160
Unit 4	3.98	103.44	171	159
Unit 5	3.99	79.80	174	162
Total	11.97	280.91		
Uran				
All Units	10.45	244.69	447	420
Total	10.45	244.69		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	2.92	21	0
Total	0.04	2.92		
Koyna				
Stage 1-2	3.81	96.50	470	40
Stage 4	0.19	52.27	153	0
Stage 3	1.02	34.90	160	0
Total	5.02	183.68		
Hydro				
KDPH	0.65	15.66	28	27
VTRNA	0.50	11.89	61	0
TILLARI	0.32	5.46	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.37	40	0
RNGR+BHTSA	0.26	4.78	12	2
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.16	16.08	7	6
GHATGHAR	0.23	15.16	120	0
Total	2.24	74.67		
Wind				
Total	20.29	327.33	0	0
Total	20.29	327.33		
CPP				
APML(Mus)	49.84	1490.74	0	0
JSWEL(Mus)	19.94	623.09	0	0
VIPL(Mus)	12.26	302.81	0	0
RPLAMT(Mus)	14.09	378.22	0	0
WPCL(Mus)	4.42	107.98	0	0
Other(Mus)	6.06	170.50	0	0
Total	106.61	3073.34		
SOLAR				
Total	1.45	31.98	0	0
Total	1.45	31.98		
Tata				
Trombay 5	8.75	240.79	446	314
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.65	60.35	116	94
Trombay 7B	1.50	35.81	65	57
Trombay 8	5.36	136.95	247	202
TATA Hydro	0.52	72.11	122	2
Total	18.79	546.06		
R-INFRA				
1-2	4.84	137.49	202	201
Total	4.84	137.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	110.04	2515.66	MSPGCL Total	127.76	3018.70
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	120.50	2760.35	Koyna 1,2 & 4 Total	4.00	148.78
Koradi 9	0.00	0.00	MSPGCL Hydro	7.26	258.35	State Total	279.74	7134.91
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Apr/2016

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													
1	4677	676	432	5785	789	4567	0	5575	5494	-1299	15336	0	15336	2316	17652	49.87
2	4689	396	443	5528	868	4573	0	5481	5186	-1127	15028	0	15028	2150	17178	49.92
3	4740	96	442	5278	836	4574	0	5200	5074	-1003	14759	0	14759	2010	16769	49.93
4	4735	91	443	5269	812	4578	0	5258	4785	-975	14469	0	14469	1912	16381	49.97
5	4549	96	443	5088	789	4502	0	5278	5067	-977	14469	0	14469	1858	16327	49.96
6	4460	336	445	5241	732	4410	0	5289	5512	-996	14899	0	14899	1879	16778	49.96
7	4678	489	447	5614	642	4525	3	5310	5588	-826	15546	0	15546	1834	17380	49.99
8	4907	206	443	5556	505	4577	42	5313	5348	-773	15255	0	15255	1838	17093	49.99
9	4901	191	435	5527	608	4581	94	5349	5309	-827	15292	0	15292	1898	17190	49.98
10	4911	426	437	5774	528	4578	147	5410	5929	-951	16005	0	16005	2012	18017	49.98
11	4924	522	425	5871	435	4570	173	5484	6192	-1036	16205	0	16205	2102	18307	50.00
12	4814	407	435	5656	772	4568	204	5538	5955	-1103	16052	0	16052	2175	18227	50.02
13	4706	130	433	5269	954	4541	191	5557	5815	-1096	15674	0	15674	2155	17829	50.00
14	4424	133	420	4977	1130	4448	197	5455	5409	-1196	14965	0	14965	2114	17079	49.99
15	4230	146	422	4798	1230	4283	161	5363	5582	-1206	14848	0	14848	2110	16958	49.97
16	4237	151	421	4809	1208	4262	128	5429	5925	-1203	15129	0	15129	2106	17235	49.96
17	4240	146	433	4819	1185	4254	76	5333	5554	-1166	14722	0	14722	2078	16800	49.98
18	4202	151	436	4789	1108	4144	34	4954	4391	-1145	13321	0	13321	2058	15379	50.04
19	4209	190	435	4834	1038	4078	2	4466	4464	-1144	13272	0	13272	2050	15322	50.02
20	4315	775	431	5521	955	4220	0	5200	5391	-1340	14747	0	14747	2351	17098	49.90
21	4604	427	433	5464	954	4432	0	5241	5275	-1313	14812	0	14812	2340	17152	49.89
22	4652	195	438	5285	853	4459	0	5225	5066	-1367	14296	0	14296	2325	16621	49.91
23	4639	336	444	5419	685	4450	0	5248	5667	-1321	14900	0	14900	2346	17246	49.88
24	4601	549	438	5588	674	4440	0	5365	5662	-1359	15005	0	15005	2362	17367	49.89
MUs	110.04	7.26	10.45	127.76	20.29	106.61	1.45	127.32	129.64	-26.75	359.00	0.00	359.00	50.38	409.38	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/Apr/2016

Position as on 6.30 Hrs of 25/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPP	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
RGPP	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	23/04/2016	01.00	24/04/2016	22.30	G.M.Cooling problem	
MSPGCL	Koradi Unit-8	660	23/04/2016	02.38		Continued.	ESP And CW Pump Work.	
MSPGCL	Uran Unit 7	108	23/04/2016	15.11		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Apr/2016

Position as on 6.30 Hrs of 25/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	24/04/2016	11.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2016

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							
Dhule Sar'Sarovar II	InterState	21/04/2016	18.28	25/04/2016	06.39	PO	P.M Work At SSP End.
Kolhapur Solapur(PG) I	InterState	24/04/2016	16.53		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27	24/04/2016	18.11	HT	Change Over
karad -kolhapur-II	IntraState	23/04/2016	16.14	24/04/2016	08.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/04/2016	17.31	24/04/2016	08.49	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/04/2016	18.06		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	24/04/2016	15.54		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/04/2016	16.03		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	22/04/2016	15.34	24/04/2016	18.13	PO	HV Side Of ICT On Tbc. Hot Line Work.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	24/04/2016	00.08	24/04/2016	04.29	EO	Attending Hot Spot
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/04/2016	14.30	24/04/2016	18.13	T	No Indication displayed, 11KV Discom Fault
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Babhleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Kalwa - Borivali	IntraState	18/04/2016	11.20	24/04/2016	22.32	HT	For Controlling Salsett-Borivali L/L
Kalwa-Salsette-VI	IntraState	21/04/2016	08.34	24/04/2016	22.20	HT	To control Salsett-Borivali L/L
Chakan (400kv)-Bridgestone	IntraState	22/04/2016	10.21		Continued.	PO	Stringing Work Of 132KV On M/C Tower.
Bus Coupler @ Kalwa	IntraState	23/04/2016	07.15	24/04/2016	17.49	PO	Maintenance Work.
Pedhambe - Oni	IntraState	23/04/2016	15.24	24/04/2016	01.42	T	Distance Protection
Nanded-Ghatodi	IntraState	23/04/2016	17.24	24/04/2016	14.33	T	Distance Protection
Kharepatan -Pawas Line	IntraState	24/04/2016	09.05	24/04/2016	18.35	PO	Cleaning of Isolator work
Eklahara(Gcr)(Nasik)- Babhleshwar 2	IntraState	24/04/2016	14.22	24/04/2016	19.57	PO	Line Maintenance work
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(Now repaired and ready for commissioning)

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