

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Apr/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.786	2856.680	1) Gujrat	-1.515	-16.257
2) Hydro	13.421	571.111	2) Madhya Pradesh	14.774	396.338
3) Gas	6.749	133.476	3) Chattisgarh	6.580	135.850
Total MSPGCL	128.956	3561.267	4) Maharashtra Net	103.479	2162.513
B) 1) APML	57.460	1161.670	5) Goa	-7.792	-172.631
2) JSWEL	25.020	529.580	6) TAPS 1&2 Injection	3.503	85.740
3) VIPL	11.557	277.413	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.630	157.729	8) Pench (MS)	0.087	1.562
5) WPCL	8.416	88.797	9) Pench (Excess)	-0.087	-1.175
6) Other IPP	5.980	188.847	Total	118.942	2590.378
C) 1) TPCL Thermal	17.568	415.069	a) Mumbai Schedule	27.895	564.954
2) TPCL Hydro	3.843	102.562	b) Mumbai Drawl	28.802	612.086
3) TPCL Gas	3.177	62.012	c) MSEDCL Bilateral *	38.825	571.876
4) R-INFRA Thermal	12.423	269.521	Include PX	8.746	-7.781
D) STATE			d) Mumbai Bilateral *	27.895	559.304
1) Thermal	252.840	5945.306	Include PX	0.712	12.592
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	17.264	673.673	H) ENERGY CATERED (MUs)		
3) Gas	9.926	195.488	1) MSEDCL	354.672	8211.010
4) Wind	20.164	234.811	2) Mumbai Discoms	65.813	1461.239
6) SOLAR	1.349	31.042	TOTAL STATE	420.485	9672.249
TOTAL STATE	301.543	7080.320			

* 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	4775	4490	4380	4520
MSPGCL Hydro	814	682	1138	115
MSPGCL Gas	270	270	281	286
MSPGCL Total Generation	5859	5442	5799	4921
Central Sector Receipt	5387	5515	4546	4759
WIND	768	771	864	927
CPP / IPP	4977	5016	4418	4632
SOLAR	151	174	0	0
Exchange with Mumbai	-1509	-1554	-1146	-683
MSEDCL DEMAND MET	15633	15364	14481	14556
Load Shedding	49	49	41	46
MSEDCL DEMAND	15682	15413	14522	14602
TPCL GENERATION	1144	1191	1155	891
R-INFRA GENERATION	515	518	518	518
MUMBAI DEMAND	3168	3263	2819	2092
STATE DEMAND MET	18801	18627	17300	16648
STATE DEMAND	18850	18676	17341	16694
Frequency (Hz)	49.97	49.95	50.03	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18.05 Hrs	49.72 Hz at 19.18 Hrs	50	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/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.71	61.14	120	100
Unit 6	0.00	0.00	0	0
Unit 7	3.97	78.38	175	150
Total	6.68	139.52		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	0.60	206.52	300	0
Unit 5	6.12	208.63	350	0
Total	6.72	492.60		
Parli				
Unit 3	0.75	1.72	106	0
Unit 4	0.00	25.46	0	0
Unit 5	3.46	83.06	155	126
Unit 6	4.89	86.21	238	132
Unit 7	5.47	116.24	251	198
Total	14.57	312.69		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.12	75.92	133	126
Unit 3	2.38	107.60	206	0
Unit 4	4.36	101.43	196	165
Unit 5	9.92	213.92	450	365
Unit 6	9.31	229.69	415	360
Unit 7	7.40	220.92	360	249
Total	36.49	949.48		
Paras				
Unit 3	5.17	102.82	231	189
Unit 4	4.73	83.41	216	179
Total	9.90	186.22		
Khaparkheda				
Unit 1	4.28	101.10	195	160
Unit 2	0.54	0.98	85	0
Unit 3	0.00	11.38	0	0
Unit 4	4.56	85.96	196	181
Unit 5	11.41	270.11	505	425
Total	20.78	469.53		
Nasik				
Unit 3	4.67	98.24	205	185
Unit 4	4.48	108.06	198	175
Unit 5	4.51	100.33	193	176
Total	13.66	306.63		
Uran				
All Units	6.75	133.48	296	268
Total	6.75	133.48		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.09	1.56	40	0
Total	0.09	1.56		
Koyna				
Stage 1-2	3.68	142.96	380	40
Stage 4	4.50	238.16	480	0
Stage 3	1.36	82.12	160	0
Total	9.54	463.23		
Hydro				
KDPH	0.43	12.88	18	18
VTRNA	0.91	24.82	61	0
TILLARI	0.38	8.65	64	0
BHTGR/VEER	0.04	1.24	2	1
BHIRA T.R.	0.28	5.63	80	0
RNGR+BHTSA	0.00	5.52	0	0
BHANDARDRA	0.43	8.74	18	18
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.90	22.69	38	37
GHATGHAR	0.50	16.99	200	0
Total	3.88	107.88		
Wind				
Total	20.16	234.81	0	0
Total	20.16	234.81		
CPP				
APML(Mus)	57.46	1161.67	0	0
JSWEL(Mus)	25.02	529.58	0	0
VIPL(Mus)	11.56	277.41	0	0
RPLAMT(Mus)	5.63	157.73	0	0
WPCL(Mus)	8.42	88.80	0	0
Other(Mus)	5.98	188.85	0	0
Total	114.06	2404.04		
SOLAR				
Total	1.35	31.04	0	0
Total	1.35	31.04		
Tata				
Trombay 5	11.57	254.58	493	446
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.87	35.34	115	61
Trombay 7B	1.31	26.68	67	49
Trombay 8	6.00	140.56	252	248
TATA Hydro	3.84	102.56	402	0
Total	24.59	579.64		
R-INFRA				
1-2	12.42	269.52	520	514
Total	12.42	269.52		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.79	2856.68
MSPGCL Thml+Gas	115.54	2990.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	13.42	571.11
MSPGCL Total	128.96	3561.27

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	8.18	381.12
State Total	301.54	7080.32

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Apr/2015

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	4728	582	296	5606	1077	5058	0	4920	4701	-1183	15259	63	15322	2646	17968	49.96
2	4759	161	293	5213	1044	4873	0	4850	4844	-1016	14958	46	15004	2397	17401	49.97
3	4744	120	294	5158	1025	4783	0	4827	4701	-891	14776	46	14822	2258	17080	49.98
4	4521	125	296	4942	995	4583	0	4856	4874	-740	14654	46	14700	2154	16854	50.00
5	4520	115	286	4921	927	4632	0	4860	4759	-683	14556	46	14602	2092	16694	49.96
6	4499	150	285	4934	831	4440	0	4879	5134	-640	14699	49	14748	2104	16852	49.95
7	4588	561	284	5433	859	4588	2	4875	4920	-709	15093	49	15142	2118	17260	50.07
8	4761	401	283	5445	645	4704	35	4927	5100	-811	15118	49	15167	2217	17384	50.02
9	4738	422	282	5442	683	4819	91	5213	5610	-1060	15585	49	15634	2488	18122	50.00
10	4741	736	274	5751	748	4872	148	5332	5047	-1361	15205	49	15254	2914	18168	50.00
11	4775	814	270	5859	768	4977	151	5426	5387	-1509	15633	49	15682	3168	18850	49.97
12	4651	764	268	5683	845	4893	175	5479	5432	-1615	15413	49	15462	3263	18725	49.95
13	4490	682	270	5442	771	5016	174	5208	5515	-1554	15364	49	15413	3263	18676	49.95
14	4202	785	270	5257	746	4965	185	5235	5201	-1490	14864	41	14905	3156	18061	50.06
15	4262	601	272	5135	755	5016	152	5487	5358	-1602	14814	38	14852	3222	18074	49.98
16	4241	770	278	5289	733	5090	134	5501	5673	-1599	15320	38	15358	3263	18621	49.99
17	4249	608	278	5135	699	5033	74	5338	5093	-1564	14470	38	14508	3221	17729	50.02
18	4323	192	278	4793	767	4789	26	4963	4561	-1474	13462	38	13500	3109	16609	50.08
19	4190	311	282	4783	746	4487	2	4671	4178	-1283	12913	38	12951	2928	15879	50.00
20	4311	1059	280	5650	767	4343	0	4690	4767	-1201	14326	41	14367	2973	17340	49.93
21	4380	1138	281	5799	864	4418	0	4610	4546	-1146	14481	41	14522	2819	17341	50.03
22	4487	913	281	5681	869	4467	0	4752	4383	-1207	14193	41	14234	2716	16950	50.05
23	4656	741	285	5682	947	4513	0	4669	4678	-1180	14640	41	14681	2660	17341	50.02
24	4970	670	283	5923	1053	4704	0	4562	4480	-1284	14876	41	14917	2664	17581	50.02
MUs	108.79	13.42	6.75	128.96	20.16	114.06	1.35	120.13	118.94	-28.80	354.67	1.08	355.75	65.81	421.56	50.00

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/2015

Position as on 6.30 Hrs of 25/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16	24/04/2015	16.44	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
MSPGCL	Bhusawal Unit 4	500	21/04/2015	08.58	24/04/2015	21.05	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	24/04/2015	04.37	24/04/2015	19.50	Tripped	
MSPGCL	Bhusawal Unit 5	500	24/04/2015	12.28	24/04/2015	17.30	Main C.B B-Ph Pole Burst.	
MSPGCL	Chandrapur Unit 3	210	24/04/2015	12.56		Continued.	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	IntraState	21/04/2015	00.07		Continued.	HT	To Control Line Loading of Waluj-A'Bad PG
Wardha PG - Aurangabad PG IV	IntraState	21/04/2015	10.33		Continued.	HT	Line Rectification work
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Mapusa I	InterState	23/04/2015	18.17	24/04/2015	07.01	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/04/2015	12.41		Continued.	PO	Shifted on TBC.
Kolhapur Mapusa II	InterState	24/04/2015	17.46		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	24/04/2015	18.01		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	23/04/2015	16.51	24/04/2015	07.19	T	Distance Protection,RFC 20.40Hrs.
Khadka- Deepnagar Ckt 2	IntraState	24/04/2015	12.28	24/04/2015	14.55	T	B Ph Main C.B pole Burst & bus bar operated.
Main Bus - I @ Deepnagar	IntraState	24/04/2015	12:28	24/04/2015	14:51	T	B phase main CB pole burst
karad -kolhapur-I	IntraState	24/04/2015	16.17	25/04/2015	06.45	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/04/2015	17.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/04/2015	17.47		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	23/04/2015	18.26	24/04/2015	00.20	T	R Phase LV Side CT Burst.LTM Operated
400/220/33 Kv 315 Mva Ict 1 @Waluj	IntraState	24/04/2015	10.32	24/04/2015	16.17	PO	Quarterly Maintanance Work
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	25/04/2015	01.13	25/04/2015	03.15	PO	Emergency Outage for Attending Hot Spot on R-Ph Stub Bus.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	24/04/2015	15.40	24/04/2015	16.20	T	Distance Protection
Mudshingi - Chikodi	InterState	24/04/2015	15.45	24/04/2015	16.56	T	Distance Protection
Boisar(MS) - Boisar (PG) - I	InterState	25/04/2015	04.16	25/04/2015	06.45	PO	Emergency Outage for Attending Hot Spot.
Boisar(Ms) Boisar (Pg) li	InterState	25/04/2015	06.57		Continued.	PO	Emergency Outage for Attending Hot Spot.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
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 deenergising 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 deenergising the line bet.86 to 107.
Apta - Taloja	IntraState	17/04/2015	08.05		Continued.	PO	CKT on TBC Breaker O/H Work.
Padgha - Temghar 1	IntraState	24/04/2015	00.27	25/04/2015	03.18	HT	For Availing Outage on Padgha ICT-IV.
Padgha-Temghar-II	IntraState	24/04/2015	00.28	25/04/2015	03.20	HT	For Availing Outage on Padgha ICT-IV.
Wada - Kolshet	IntraState	24/04/2015	06.18	24/04/2015	18.50	PO	Making Lilo Arrangement for bhaveghar Wada.
Pedambe-Pophali	IntraState	24/04/2015	06.20	24/04/2015	19.40	PO	Routine Maintenance Work
Padghe - Wada	IntraState	24/04/2015	06.45		Continued.	PO	Making Lilo Appanement for Bhaveghar Wada.
Nashik-Padgha	IntraState	24/04/2015	09.26	24/04/2015	16.10	PO	Replacement of Earth Wire to OPGW.
Halkarni - Tillari II	IntraState	24/04/2015	10.55	24/04/2015	14.55	PO	Attending C.B Air Leakage.
Padghe - Jindal	IntraState	25/04/2015	01.00	25/04/2015	03.25	HT	For Availing Outage on Padgha ICT-IV.
Kharghar - Nerul	IntraState	25/04/2015	06.04	25/04/2015	06.29	T	Tripped only from kharghar End.

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/2015

Statement-VII

Position as on 6.30 Hrs of 25/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nerul - Sonkhar	IntraState	25/04/2015	06.04		Continued.	T	B-Ph P.T Burst at Sonkhar.
Sonkhar - Trombay	IntraState	25/04/2015	06.04	25/04/2015	06.45	T	B-Ph P.T Burst at Sonkhar.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault