

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Apr/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.317	3094.135	1) Gujrat	-6.111	-27.303
2) Hydro	27.893	614.528	2) Madhya Pradesh	15.057	424.474
3) Gas	6.771	146.923	3) Chattisgarh	6.910	149.350
Total MSPGCL	151.981	3855.586	4) Maharashtra Net	94.211	2357.327
B) 1) APML	46.750	1266.530	5) Goa	-6.617	-187.078
2) JSWEL	21.835	575.975	6) TAPS 1&2 Injection	3.499	92.745
3) VIPL	11.332	299.857	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.640	166.729	8) Pench (MS)	0.224	1.833
5) WPCL	9.244	107.714	9) Pench (Excess)	-0.224	-1.446
6) Other IPP	5.849	200.704	Total	106.725	2808.069
C) 1) TPCL Thermal	17.438	450.164	a) Mumbai Schedule	21.444	610.634
2) TPCL Hydro	0.570	105.561	b) Mumbai Drawl	19.962	658.337
3) TPCL Gas	3.887	68.559	c) MSEDCL Bilateral *	32.307	637.197
4) R-INFRA Thermal	11.657	293.582	Include PX	0.067	-7.156
D) STATE			d) Mumbai Bilateral *	21.444	604.984
1) Thermal	246.062	6455.390	Include PX	2.014	16.184
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	28.463	720.089	H) ENERGY CATERED (MUs)		
3) Gas	10.658	215.482	1) MSEDCL	353.517	8925.397
4) Wind	13.867	266.934	2) Mumbai Discoms	53.513	1576.190
6) SOLAR	1.256	33.803	TOTAL STATE	407.030	10501.587
TOTAL STATE	300.306	7691.698			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4924	4880	4886	4736
MSPGCL Hydro	2030	2193	1204	135
MSPGCL Gas	280	278	280	287
MSPGCL Total Generation	7234	7351	6370	5158
Central Sector Receipt	4875	4866	4356	4470
WIND	267	337	557	1069
CPP / IPP	4026	4149	3931	4461
SOLAR	154	118	0	0
Exchange with Mumbai	-782	-841	-1115	-703
MSEDCL DEMAND MET	15774	15980	14099	14455
Load Shedding	50	40	43	47
MSEDCL DEMAND	15824	16020	14142	14502
TPCL GENERATION	929	922	961	845
R-INFRA GENERATION	517	519	381	519
MUMBAI DEMAND	2228	2282	2457	2067
STATE DEMAND MET	18002	18262	16556	16522
STATE DEMAND	18052	18302	16599	16569
Frequency (Hz)	50.03	49.98	49.95	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.43 Hz at 12.44 Hrs	49.74 Hz at 19.23 Hrs	49.99	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 26/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.01	67.18	132	120
Unit 6	0.00	0.00	0	0
Unit 7	3.94	86.15	176	151
Total	6.95	153.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	11.22	227.86	510	380
Unit 5	8.00	224.76	360	280
Total	19.22	530.06		
Parli				
Unit 3	3.72	8.53	169	137
Unit 4	0.00	25.46	0	0
Unit 5	3.54	90.20	155	129
Unit 6	5.54	97.05	250	200
Unit 7	5.63	127.28	250	205
Total	18.43	348.54		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.16	82.27	136	127
Unit 3	4.33	112.36	195	150
Unit 4	4.35	110.13	190	170
Unit 5	10.06	234.14	440	365
Unit 6	9.52	248.94	415	364
Unit 7	9.02	239.72	422	329
Total	40.43	1027.56		
Paras				
Unit 3	5.26	113.85	235	199
Unit 4	4.74	93.30	213	185
Total	10.00	207.14		
Khaparkheda				
Unit 1	4.16	109.42	190	150
Unit 2	3.18	7.01	170	105
Unit 3	0.00	11.38	0	0
Unit 4	4.47	94.91	197	172
Unit 5	1.44	278.15	412	0
Total	13.25	500.86		
Nasik				
Unit 3	0.00	100.20	0	0
Unit 4	4.55	117.10	197	177
Unit 5	4.50	109.34	195	176
Total	9.05	326.64		
Uran				
All Units	6.77	146.92	288	276
Total	6.77	146.92		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.22	1.83	50	0
Total	0.22	1.83		
Koyna				
Stage 1-2	6.34	153.94	540	40
Stage 4	12.46	255.05	1120	0
Stage 3	3.77	87.91	320	0
Total	22.57	496.89		
Hydro				
KDPH	0.43	13.74	18	17
VTRNA	0.63	26.32	61	0
TILLARI	0.38	9.39	64	0
BHTGR/VEER	0.03	1.31	2	1
BHIRA T.R.	0.08	5.83	77	0
RNGR+BHTSA	0.27	6.07	12	11
BHANDARDRA	0.46	9.66	40	10
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.03	24.45	48	40
GHATGHAR	2.01	20.15	250	0
Total	5.33	117.64		
Wind				
Total	13.87	266.93	0	0
Total	13.87	266.93		
CPP				
APML(Mus)	46.75	1266.53	0	0
JSWEL(Mus)	21.84	575.98	0	0
VIPL(Mus)	11.33	299.86	0	0
RPLAMT(Mus)	4.64	166.73	0	0
WPCL(Mus)	9.24	107.71	0	0
Other(Mus)	5.85	200.70	0	0
Total	99.65	2617.51		
SOLAR				
Total	1.26	33.80	0	0
Total	1.26	33.80		
Tata				
Trombay 5	11.59	277.86	497	428
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.42	39.23	120	61
Trombay 7B	1.47	29.33	68	48
Trombay 8	5.84	152.38	251	168
TATA Hydro	0.57	105.56	187	0
Total	21.90	624.28		
R-INFRA				
1-2	11.66	293.58	520	378
Total	11.66	293.58		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	117.32	3094.14
MSPGCL Thml+Gas	124.09	3241.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	27.89	614.53
MSPGCL Total	151.98	3855.59

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	18.80	408.99
State Total	300.31	7691.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Apr/2015

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	4945	740	288	5973	985	4769	0	4548	4568	-1110	15185	61	15246	2477	17723	50.00
2	4901	215	287	5403	1022	4625	0	4514	4699	-984	14765	47	14812	2306	17118	49.98
3	4915	120	288	5323	1069	4603	0	4272	4337	-823	14509	47	14556	2179	16735	49.97
4	4736	135	287	5158	1069	4461	0	4319	4470	-703	14455	47	14502	2067	16569	49.93
5	4698	120	287	5105	933	4563	0	4473	4684	-672	14613	50	14663	2036	16699	49.95
6	4636	483	285	5404	866	4227	0	4623	4834	-654	14677	53	14730	2025	16755	49.97
7	4759	1284	285	6328	616	3972	1	4565	4814	-576	15155	53	15208	1963	17171	50.01
8	4973	1002	284	6259	437	4025	40	4586	4620	-522	14859	53	14912	1931	16843	50.02
9	4981	999	284	6264	384	4005	75	4632	4892	-576	15044	53	15097	1988	17085	50.10
10	4914	1563	285	6762	285	4068	130	4619	4625	-654	15216	53	15269	2090	17359	50.02
11	4924	2030	280	7234	267	4026	154	4572	4875	-782	15774	50	15824	2228	18052	50.03
12	4915	2302	280	7497	276	4057	183	4568	4237	-842	15408	50	15458	2289	17747	49.96
13	4948	2340	278	7566	233	4036	171	4554	4271	-833	15444	50	15494	2283	17777	50.06
14	4877	2215	276	7368	216	4062	179	4627	4061	-814	15072	52	15124	2255	17379	50.03
15	4880	2193	278	7351	337	4149	118	4634	4866	-841	15980	40	16020	2282	18302	49.98
16	4876	2233	277	7386	392	4133	111	4647	4635	-850	15807	40	15847	2289	18136	49.99
17	4887	1680	278	6845	428	4107	68	4569	4426	-820	15054	40	15094	2248	17342	50.02
18	4863	432	278	5573	575	3977	26	4161	3805	-767	13189	40	13229	2201	15430	50.11
19	4818	292	280	5390	565	3895	0	3981	3618	-886	12582	43	12625	2188	14813	50.02
20	4936	1294	280	6510	535	3835	0	4208	4024	-1024	13880	43	13923	2382	16305	49.89
21	4886	1204	280	6370	557	3931	0	4460	4356	-1115	14099	43	14142	2457	16599	49.95
22	4944	918	282	6144	627	3969	0	4317	4138	-995	13883	43	13926	2490	16416	49.95
23	5042	797	282	6121	641	4112	0	4307	4506	-955	14425	42	14467	2326	16793	49.96
24	5064	1302	282	6648	552	4043	0	4397	4364	-1164	14443	42	14485	2534	17019	49.95
MUs	117.32	27.89	6.77	151.98	13.87	99.65	1.26	107.15	106.72	-19.96	353.52	1.13	354.65	53.51	408.17	49.99

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 26/Apr/2015

Position as on 6.30 Hrs of 27/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	
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	
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 requirment	
MSPGCL	Nasik Unit 3	210	25/04/2015	11.40	27/04/2015	04.25	GT Bucholz Tripped.	
MSPGCL	Khaparkheda Unit 5	500	25/04/2015	13.45	26/04/2015	18.26	Main Steam Line Heavy Leakage Due to Earthquake.	
IPP	Adani U-5	660	26/04/2015	06.30		Continued.	Super Heater Drain Heavy Flange Leakage.	
MSPGCL	Nasik Unit 4	210	27/04/2015	00.35		Continued.	Low furnace pressure	
MSPGCL	Chandrapur Unit 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 27/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) I	InterState	26/04/2015	11.36	26/04/2015	21.05	HT	Handtripped.
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	25/04/2015	17.13	26/04/2015	07.03	HT	Over Voltage
Talegaon PG - Aurangabad - II	InterState	26/04/2015	11.16	26/04/2015	15.00	HT	E/O on A'bad-A'bad PG II.
Waluj Aurangabad(PG) II	InterState	26/04/2015	12.18	26/04/2015	14.35	EO	Hot spot on Y-Ph CT.
Kolhapur Mapusa II	InterState	26/04/2015	16.42	27/04/2015	06.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/04/2015	17.52	27/04/2015	06.00	HT	Over Voltage
karad -kolhapur-II	IntraState	25/04/2015	16.35	26/04/2015	08.40	HT	Over Voltage
karad -kolhapur-II	IntraState	26/04/2015	16.09	27/04/2015	06.48	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/04/2015	16.30	27/04/2015	06.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/04/2015	17.33		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	26/04/2015	18.01		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/04/2015	18.07	27/04/2015	06.27	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	25/04/2015	22.19	26/04/2015	05.59	PO	For Replacement of R,Y,B 220KV CT'S.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	26/04/2015	11.02	26/04/2015	14.55	PO	Routine Maintenance Work
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	26/04/2015	17.53	26/04/2015	20.38	PO	Hot Spot on R-Ph CT.
220 KV LINE Outages/Trippings							
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.
Padghe - Wada	IntraState	24/04/2015	06.45	26/04/2015	19.42	PO	Making Lilo Appanement for Bhavghar Wada.
Solapur(Bale) - Tuljapur	IntraState	25/04/2015	09.51		Continued.	HT	To Control Line Loading.
Osmanabad - Solapur (Bale)	IntraState	25/04/2015	09.51		Continued.	HT	To Control Line Loading.
Padgha-Temghar-II	IntraState	25/04/2015	22.14	26/04/2015	06.27	HT	For Availing Outage on ICT-IV @ Padgha.
Padgha - Temghar I	IntraState	25/04/2015	22.14	26/04/2015	06.26	HT	For Availing Outage on ICT-IV @ Padgha.
Boisar II - PGCIL II	IntraState	26/04/2015	09.05	26/04/2015	17.40	PO	Taken on TBC.
Nagothane - MSL	IntraState	26/04/2015	09.20	26/04/2015	17.48	PO	Testing Work.
Dhamangaon New- Tss-II	IntraState	26/04/2015	14.17	26/04/2015	14.31	T	Back up prot optd,O/C & E/F.
Dhamangaon New - Badnera	IntraState	26/04/2015	14.17	26/04/2015	14.31	T	Distance Protection
Dhamangaon New- Tss -I	IntraState	26/04/2015	14.17	26/04/2015	14.31	T	Back up prot optd,O/C & E/F.
Wardha-Dhamangaon	IntraState	26/04/2015	14.17	26/04/2015	18.44	T	Distance Protection
220 KV ICT 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 26/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault