

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Apr/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.375	3460.863	1) Gujrat	-0.732	-31.220
2) Hydro	20.470	680.997	2) Madhya Pradesh	17.767	471.843
3) Gas	6.729	165.632	3) Chattisgarh	5.840	167.650
Total MSPGCL	146.574	4307.492	4) Maharashtra Net	108.474	2672.298
B) 1) APML	51.350	1406.120	5) Goa	-9.348	-211.861
2) JSWEL	23.389	645.363	6) TAPS 1&2 Injection	3.476	103.201
3) VIPL	6.652	329.243	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.960	184.459	8) Pench (MS)	0.218	2.063
5) WPCL	9.728	136.378	9) Pench (Excess)	-0.218	-1.676
6) Other IPP	6.901	219.731	Total	125.259	3170.235
C) 1) TPCL Thermal	16.925	499.954	a) Mumbai Schedule	25.617	688.164
2) TPCL Hydro	3.942	119.521	b) Mumbai Drawl	28.245	742.023
3) TPCL Gas	4.221	81.095	c) MSEDCL Bilateral *	34.905	737.624
4) R-INFRA Thermal	12.357	329.662	Include PX	2.221	-4.893
D) STATE			d) Mumbai Bilateral *	25.617	682.514
1) Thermal	252.637	7211.773	Include PX	7.004	26.521
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	24.412	800.518	H) ENERGY CATERED (MUs)		
3) Gas	10.950	246.727	1) MSEDCL	367.091	10014.907
4) Wind	18.316	318.254	2) Mumbai Discoms	65.690	1772.243
6) SOLAR	1.207	37.592	TOTAL STATE	432.781	11787.150
TOTAL STATE	307.522	8614.864			

* 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	4862	4891	4863	5174
MSPGCL Hydro	2180	1702	341	294
MSPGCL Gas	284	280	278	278
MSPGCL Total Generation	7326	6873	5482	5746
Central Sector Receipt	5950	5832	5199	4833
WIND	461	510	925	729
CPP / IPP	4208	4434	4710	3935
SOLAR	133	154	0	0
Exchange with Mumbai	-1456	-1389	-1190	-668
MSEDCL DEMAND MET	16622	16414	15126	14575
Load Shedding	48	48	42	45
MSEDCL DEMAND	16670	16462	15168	14620
TPCL GENERATION	1205	1363	1109	858
R-INFRA GENERATION	506	513	518	518
MUMBAI DEMAND	3167	3265	2817	2044
STATE DEMAND MET	19789	19679	17943	16619
STATE DEMAND	19837	19727	17985	16664
Frequency (Hz)	49.96	49.97	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 18.02 Hrs	49.73 Hz at 09.12 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 29/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.96	76.01	125	120
Unit 6	0.00	0.00	0	0
Unit 7	4.02	98.06	175	160
Total	6.99	174.07		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	11.62	261.56	505	445
Unit 5	7.59	248.17	340	300
Total	19.21	587.18		
Parli				
Unit 3	0.00	10.18	0	0
Unit 4	0.00	25.46	0	0
Unit 5	0.03	93.12	26	0
Unit 6	5.54	113.54	250	205
Unit 7	5.75	144.38	250	220
Total	11.32	386.69		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	82.42	0	0
Unit 3	4.64	126.06	203	173
Unit 4	4.49	123.56	192	170
Unit 5	3.18	257.80	425	0
Unit 6	9.69	278.10	410	390
Unit 7	10.13	269.41	442	385
Total	32.14	1137.36		
Paras				
Unit 3	5.84	129.97	250	232
Unit 4	5.15	109.00	241	191
Total	10.99	238.96		
Khaparkheda				
Unit 1	4.38	120.80	195	170
Unit 2	4.10	17.81	185	145
Unit 3	0.00	11.38	0	0
Unit 4	4.43	108.01	187	180
Unit 5	12.02	313.64	510	485
Total	24.92	571.64		
Nasik				
Unit 3	4.72	113.07	210	185
Unit 4	4.51	128.97	196	181
Unit 5	4.57	122.92	195	183
Total	13.80	364.96		
Uran				
All Units	6.73	165.63	286	274
Total	6.73	165.63		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.22	2.06	47	0
Total	0.22	2.06		
Koyna				
Stage 1-2	5.04	169.32	550	40
Stage 4	8.40	283.98	1040	0
Stage 3	2.72	97.63	240	0
Total	16.16	550.94		
Hydro				
KDPH	0.43	15.03	18	18
VTRNA	0.66	28.50	61	0
TILLARI	0.37	10.51	64	0
BHTGR/VEER	0.07	1.52	3	3
BHIRA T.R.	0.30	6.47	40	0
RNGR+BHTSA	0.27	6.87	12	11
BHANDARDRA	0.40	10.90	40	9
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.98	27.71	48	38
GHATGHAR	0.82	21.83	120	0
Total	4.31	130.06		
Wind				
Total	18.32	318.25	0	0
Total	18.32	318.25		
CPP				
APML(Mus)	51.35	1406.12	0	0
JSWEL(Mus)	23.39	645.36	0	0
VIPL(Mus)	6.65	329.24	0	0
RPLAMT(Mus)	5.96	184.46	0	0
WPCL(Mus)	9.73	136.38	0	0
Other(Mus)	6.90	219.73	0	0
Total	103.98	2921.29		
SOLAR				
Total	1.21	37.59	0	0
Total	1.21	37.59		
Tata				
Trombay 5	10.95	312.29	477	440
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.65	47.10	120	86
Trombay 7B	1.57	34.00	69	57
Trombay 8	5.97	167.73	252	246
TATA Hydro	3.94	119.52	462	0
Total	25.09	700.57		
R-INFRA				
1-2	12.36	329.66	520	502
Total	12.36	329.66		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.38	3460.86
MSPGCL Thml+Gas	126.10	3626.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	20.47	681.00
MSPGCL Total	146.57	4307.49

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.44	453.31
State Total	307.52	8614.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	5275	389	275	5939	1130	3956	0	5323	5731	-1178	15578	62	15640	2591	18231	49.96
2	5268	324	276	5868	977	4036	0	5257	5401	-1021	15261	45	15306	2385	17691	49.97
3	5249	279	274	5802	929	3936	0	4909	5136	-852	14951	45	14996	2209	17205	49.97
4	5234	222	277	5733	801	3929	0	4790	4863	-728	14598	45	14643	2105	16748	49.96
5	5174	294	278	5746	729	3935	0	4727	4833	-668	14575	45	14620	2044	16664	49.96
6	5151	474	284	5909	682	3993	0	4885	4796	-692	14688	48	14736	2068	16804	49.95
7	5108	863	284	6255	682	3984	6	4840	4876	-678	15125	51	15176	2061	17237	49.99
8	4991	1480	284	6755	454	3966	38	4945	4747	-789	15171	51	15222	2177	17399	50.00
9	4849	1514	280	6643	394	4033	81	5721	5649	-1129	15671	51	15722	2541	18263	49.96
10	4783	1956	278	7017	441	4122	109	5961	5712	-1239	16162	51	16213	2844	19057	49.88
11	4862	2180	284	7326	461	4208	133	6008	5950	-1456	16622	48	16670	3167	19837	49.96
12	4878	2081	282	7241	479	4264	176	6069	5809	-1496	16473	48	16521	3269	19790	49.97
13	4891	1702	280	6873	510	4434	154	5836	5832	-1389	16414	48	16462	3265	19727	49.97
14	4890	991	282	6163	671	4577	159	6147	5477	-1447	15600	42	15642	3178	18820	49.95
15	4862	905	280	6047	711	4595	141	6134	6074	-1558	16010	39	16049	3248	19297	49.92
16	4908	1031	286	6225	691	4579	111	6094	5918	-1562	15962	41	16003	3276	19279	50.01
17	4931	903	285	6119	845	4561	63	5854	5903	-1540	15951	41	15992	3255	19247	49.99
18	4922	322	285	5529	1077	4576	32	4734	4765	-1453	14526	41	14567	3127	17694	50.05
19	4876	293	277	5446	983	4673	3	4091	3660	-1296	13469	41	13510	2924	16434	50.04
20	4915	396	279	5590	1028	4738	1	5009	4163	-1301	14219	42	14261	2954	17215	49.96
21	4863	341	278	5482	925	4710	0	5057	5199	-1190	15126	42	15168	2817	17985	49.97
22	4859	208	280	5347	836	4754	0	4943	4873	-1223	14587	42	14629	2812	17441	49.96
23	4811	505	281	5597	915	4719	0	4813	4893	-1166	14958	42	15000	2702	17702	49.96
24	4825	817	280	5922	965	4702	0	4923	4999	-1194	15394	42	15436	2671	18107	49.96
MUs	119.38	20.47	6.73	146.57	18.32	103.98	1.21	127.07	125.26	-28.25	367.09	1.09	368.18	65.69	433.87	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 29/Apr/2015

Position as on 6.30 Hrs of 30/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	
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.	
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	
IPP	Adani U-5	660	26/04/2015	06.30	29/04/2015	08.31	Super Heater Drain Heavy Flange Leakage.	
MSPGCL	Chandrapur Unit 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 3	210	27/04/2015	11.04		Continued.	Sparking at generation slip ring.	
MSPGCL	Parli Unit 5	210	27/04/2015	21.05	29/04/2015	23.02	CW header leakage.	
IPP	Adani U-2	660	28/04/2015	06.02		Continued.	Leakage in turbine steam chest.	
IPP	VIPL U-2	300	28/04/2015	17.47		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	29/04/2015	08.07		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 30/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							
Pune(PG)-Solapur(PG)	InterState	26/04/2015	09.35		Continued.	PO	Line Maintenance work
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
Dhule Sar'Sarovar I	InterState	28/04/2015	18.10	29/04/2015	08.46	T	Over Voltage
Kolhapur Mapusa I	InterState	29/04/2015	16.45		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/04/2015	18.03		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	26/04/2015	18.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/04/2015	17.37	29/04/2015	08.25	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/04/2015	17.42	29/04/2015	08.30	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	29/04/2015	11.35	29/04/2015	22.18	PO	A/R Configuration work
Karad - Jaigad - II	IntraState	29/04/2015	15.05		Continued.	HT	Sparking on Isolator
karad -kolhapur-I	IntraState	29/04/2015	16.34	29/04/2015	22.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/04/2015	17.41		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	29/04/2015	22.35		Continued.	HT	Sparking on Bus Isolator
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	29/04/2015	08.46	29/04/2015	19.16	PO	Tree cutting work
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 - Kalwa	IntraState	27/04/2015	09.23	29/04/2015	17.00	PO	BKR O/H.work shifted on TBC.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Chikhli-Jalna-I	IntraState	29/04/2015	07.25	29/04/2015	11.04	PO	For Reorientation work
Apta - Tambati	IntraState	29/04/2015	08.47	29/04/2015	10.11	PO	Line Signature analysis work
Solapur(Bale) - Tuljapur	IntraState	29/04/2015	09.17	29/04/2015	12.54	PO	Quarterly Maintainance Work
Osmanabad - Solapur (Bale)	IntraState	29/04/2015	09.30	29/04/2015	19.11	PO	Midspan conductor Joint work
ACCIL - Apta	IntraState	29/04/2015	10.56	29/04/2015	12.10	PO	Line Signature analysis work
Gangapur-Valve	IntraState	29/04/2015	11.30	29/04/2015	18.24	PO	Tower Reorientation work
Lamboti-Vita	IntraState	29/04/2015	17.01	29/04/2015	19.02	PO	Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/110 Kv 200 Mva Vel Ptr 3 @Kolhapur-Ii (Mudshingi)	IntraState	27/04/2015	12.10	29/04/2015	19.10	PO	Repl of radiators to attend leakages.

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