

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Apr/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.787	3069.203	1) Gujrat	-6.029	-141.837
2) Hydro	18.286	346.566	2) Madhya Pradesh	15.809	422.057
3) Gas	10.310	285.329	3) Chattisgarh	7.380	220.880
Total MSPGCL	130.383	3701.098	4) Maharashtra Net	102.752	2941.601
B) 1) APML	50.168	1742.834	5) Goa (Amona)	-0.520	-15.250
2) JSWEL	21.346	726.882	6) TAPS 1&2 Injection	3.567	100.808
3) VIPL	14.237	372.363	7) RGPPL Injection	11.735	337.918
4) RPL(AMT)	19.168	471.222	8) Pench (MS)	0.052	3.432
5) WPCL	4.370	130.852	9) Pench (Excess)	-0.052	-3.432
6) Other IPP	5.872	198.673	Total	134.642	3862.745
C) 1) TPCL Thermal	16.361	458.267	a) Mumbai Schedule	24.813	778.982
2) TPCL Hydro	4.040	94.352	b) Mumbai Drawl	28.887	886.528
3) TPCL Gas	4.336	117.767	c) MSEDCL Bilateral *	32.604	921.087
4) R-INFRA Thermal	12.212	187.557	Include PX	0.000	-70.561
D) STATE			d) Mumbai Bilateral *	24.813	778.432
1) Thermal	245.521	7357.853	Include PX	2.487	170.276
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.550
2) Hydro	22.326	440.918	H) ENERGY CATERED (MUs)		
3) Gas	14.646	403.096	1) MSEDCL	364.744	10748.499
4) Wind	12.192	389.718	2) Mumbai Discoms	65.836	1744.481
6) SOLAR	1.253	38.640	TOTAL STATE	430.580	12492.980
TOTAL STATE	295.938	8630.225			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4349	4233	4278	4163
MSPGCL Hydro	1135	1215	260	233
MSPGCL Gas	415	413	436	441
MSPGCL Total Generation	5899	5861	4974	4837
Central Sector Receipt	6161	5911	5581	5451
WIND	199	186	1050	646
CPP / IPP	4863	4872	4833	4745
SOLAR	180	183	0	0
Exchange with Mumbai	-1425	-1462	-1342	-760
MSEDCL DEMAND MET	15877	15551	15096	14919
Load Shedding	0	0	0	0
MSEDCL DEMAND	15877	15551	15096	14919
TPCL GENERATION	1320	1288	972	845
R-INFRA GENERATION	516	516	515	515
MUMBAI DEMAND	3261	3266	2829	2120
STATE DEMAND MET	19138	18817	17925	17039
STATE DEMAND	19138	18817	17925	17039
Frequency (Hz)	49.97	49.94	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.74 Hz at 15.19 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/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	0.35	62.96	136	0
Total	0.35	62.96		
Bhusawal				
Unit 2	3.52	106.36	155	140
Unit 3	0.56	84.98	155	20
Unit 4	11.95	305.82	510	380
Unit 5	12.00	305.56	510	410
Total	28.02	802.72		
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	4.71	131.57	202	192
Unit 4	4.45	108.23	192	174
Unit 5	10.04	291.86	435	386
Unit 6	10.81	126.07	465	430
Unit 7	0.00	258.13	0	0
Total	30.00	915.86		
Paras				
Unit 3	5.94	162.96	260	236
Unit 4	6.09	158.18	260	250
Total	12.03	321.14		
Khaparkheda				
Unit 1	4.05	116.46	180	160
Unit 2	4.06	106.16	180	150
Unit 3	4.80	128.03	210	164
Unit 4	4.39	127.70	196	159
Unit 5	0.16	139.72	100	0
Total	17.46	618.07		
Nasik				
Unit 3	4.70	120.45	205	165
Unit 4	4.57	125.68	198	166
Unit 5	4.64	102.32	202	163
Total	13.92	348.45		
Uran				
All Units	10.31	285.33	442	413
Total	10.31	285.33		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	3.43	24	0
Total	0.05	3.43		
Koyna				
Stage 1-2	4.66	122.00	475	40
Stage 4	7.91	87.25	933	0
Stage 3	3.31	48.22	160	0
Total	15.88	257.48		
Hydro				
KDPH	0.31	18.50	14	13
VTRNA	0.54	14.40	61	0
TILLARI	0.31	6.99	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	5.58	40	0
RNGR+BHTSA	0.22	5.70	9	9
BHANDARDRA	0.11	0.78	5	4
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.16	17.02	7	6
GHATGHAR	0.46	19.42	250	0
Total	2.41	89.09		
Wind				
Total	12.19	389.72	0	0
Total	12.19	389.72		
CPP				
APML(Mus)	50.17	1742.83	0	0
JSWEL(Mus)	21.35	726.88	0	0
VIPL(Mus)	14.24	372.36	0	0
RPLAMT(Mus)	19.17	471.22	0	0
WPCL(Mus)	4.37	130.85	0	0
Other(Mus)	5.87	198.67	0	0
Total	115.16	3642.83		
SOLAR				
Total	1.25	38.64	0	0
Total	1.25	38.64		
Tata				
Trombay 5	10.40	292.69	455	401
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.78	74.20	120	95
Trombay 7B	1.55	43.56	66	59
Trombay 8	5.96	165.52	250	246
TATA Hydro	4.04	94.35	453	10
Total	24.74	670.39		
R-INFRA				
1-2	12.21	187.56	518	407
Total	12.21	187.56		

* 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	101.79	3069.20	MSPGCL Total	130.38	3701.10
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	112.10	3354.53	Koyna 1,2 & 4 Total	12.57	209.26
Koradi 9	0.00	0.00	MSPGCL Hydro	18.29	346.57	State Total	295.94	8630.22
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	4061	1304	428	5793	542	4874	0	5333	5722	-1244	15687	0	15687	2626	18313	49.95
2	4107	715	441	5263	484	4881	0	5225	5428	-1050	15006	0	15006	2435	17441	49.97
3	4152	243	430	4825	607	4803	0	5139	5636	-860	15011	0	15011	2236	17247	49.98
4	4163	233	441	4837	646	4745	0	5153	5451	-760	14919	0	14919	2120	17039	49.98
5	4231	498	440	5169	600	4767	0	5178	5346	-725	15157	0	15157	2066	17223	49.97
6	4207	734	432	5373	550	4747	0	5207	5422	-691	15401	0	15401	2087	17488	49.98
7	4270	757	442	5469	286	4742	2	5238	5800	-696	15603	0	15603	2093	17696	50.02
8	4308	738	441	5487	354	4777	32	5294	5935	-786	15799	0	15799	2187	17986	49.99
9	4352	952	436	5740	179	4800	82	5432	5847	-1142	15506	0	15506	2554	18060	49.99
10	4403	1218	428	6049	219	4808	125	5889	5953	-1293	15861	0	15861	2897	18758	49.96
11	4413	1431	420	6264	251	4874	158	5880	5503	-1337	15713	0	15713	3153	18866	49.96
12	4349	1135	415	5899	199	4863	180	6018	6161	-1425	15877	0	15877	3261	19138	49.97
13	4233	1215	413	5861	186	4872	183	5925	5911	-1462	15551	0	15551	3266	18817	49.94
14	4244	699	433	5376	193	4847	163	5911	6129	-1362	15346	36	15382	3159	18541	49.94
15	4243	863	416	5522	279	4857	144	5950	5786	-1436	15152	36	15188	3230	18418	49.92
16	4249	1290	415	5954	439	4866	111	5769	5382	-1450	15302	35	15337	3264	18601	49.91
17	4243	934	419	5596	540	4829	51	5690	4971	-1453	14534	35	14569	3227	17796	49.97
18	4113	399	426	4938	613	4646	20	5440	4951	-1408	13760	0	13760	3070	16830	50.02
19	3903	273	420	4596	1091	4553	2	5353	5517	-1485	14274	0	14274	2928	17202	50.05
20	4101	226	437	4764	1205	4750	0	5363	5638	-1411	14946	0	14946	2906	17852	50.00
21	4278	260	436	4974	1050	4833	0	5331	5581	-1342	15096	0	15096	2829	17925	49.98
22	4290	183	428	4901	701	4815	0	5309	5834	-1261	14990	0	14990	2740	17730	49.99
23	4424	731	438	5593	518	4810	0	5448	5266	-1380	14807	0	14807	2737	17544	49.94
24	4450	1255	435	6140	460	4804	0	5379	5472	-1428	15448	0	15448	2765	18213	49.99
MUs	101.79	18.29	10.31	130.38	12.19	115.16	1.25	131.85	134.64	-28.89	364.74	0.14	364.89	65.84	430.72	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/2016

Position as on 6.30 Hrs of 30/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	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
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.	
IPP	JSW (J) U1	300	22/04/2016	09.43		Continued.	Air Pre Heater Problem.	
MSPGCL	Koradi Unit-8	660	23/04/2016	02.38	29/04/2016	20.16	ESP And CW Pump Work.	
MSPGCL	Uran Unit 7	108	23/04/2016	15.11		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	24/04/2016	11.13	29/04/2016	06.20	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	26/04/2016	04.06	29/04/2016	22.32	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Apr/2016

Position as on 6.30 Hrs of 30/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RGPPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	
MSPGCL	Chandrapur Unit 7	500	28/04/2016	20.36		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	29/04/2016	11.43		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 30/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 I	InterState	27/04/2016	18.02		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	29/04/2016	04.08		Continued.	T	Distance Protection
Dabhol New koyna I	InterState	29/04/2016	06.15	29/04/2016	14.24	T	Distance Protection
Dabhol Newkoyna li	InterState	29/04/2016	06.27	29/04/2016	10.55	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorintetion.
Bhusawal-Aurangabad	IntraState	27/04/2016	17.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/04/2016	08.29	29/04/2016	06.34	PO	Line Maintenance Work,RFC @ 1839 Hrs.
karad -kolhapur-I	IntraState	28/04/2016	18.11	29/04/2016	08.54	HT	Over Voltage
karad -kolhapur-I	IntraState	29/04/2016	16.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/04/2016	16.35		Continued.	HT	Over Voltage
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).
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshevar- 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
Anandnagar - Pal	IntraState	29/04/2016	08.45	29/04/2016	13.15	EO	To attend Hot Spot
chandrapur-Tadali	IntraState	29/04/2016	09.22	29/04/2016	19.23	PO	Repl.of 29D R Phase Jaw
Wpcl-Warora 1	IntraState	29/04/2016	09.52	29/04/2016	14.52	EO	To attend Hot Spot
Oni Kharepatan Line	IntraState	29/04/2016	09.54	29/04/2016	18.30	PO	Insulator Replacement Work
Padghe - Jambhul 1	IntraState	29/04/2016	09.59	29/04/2016	17.01	PO	Testing Work
Akola-Paras Ckt No-I	IntraState	29/04/2016	09.59	29/04/2016	16.58	PO	Tan Delta Measurment of CTs
Khadka-Bhadli-2	IntraState	29/04/2016	10.05	29/04/2016	11.11	T	R phase B/UP O/C Operated
Khadka-Bhadli-1	IntraState	29/04/2016	10.05	29/04/2016	11.11	T	R phase B/UP O/C Operated
Virur - Gadchiroli	IntraState	29/04/2016	10.20	29/04/2016	14.10	PO	Insulator Replacement Work
Babhaleshwar - Degaon Rangari	IntraState	29/04/2016	11.35	29/04/2016	14.14	PO	Repl.of faulty string
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)
220/100 Kv 200MVA ICT-I @Padghe	IntraState	29/04/2016	11.23	29/04/2016	15.28	EO	To attend Hot Spot
132 KV LINE Outages/Trippings							
Khadka-Deepnagar Ckt-1	IntraState	29/04/2016	10.06	29/04/2016	10.26	T	Back up O/C operated

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