

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 29/Mar/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.194	3810.906	1) Gujrat	-0.725	-28.423
2) Hydro	21.734	397.004	2) Madhya Pradesh	7.723	399.163
3) Gas	10.513	298.150	3) Chattisgarh	5.120	234.320
Total MSPGCL	182.441	4506.060	4) Maharashtra Net	131.189	3771.317
B) 1) APML	60.659	2031.141	5) Goa (Amona)	-0.726	-20.508
2) JSWEL	18.731	491.092	Total	142.581	4355.869
3) VIPL	14.246	289.890	a) Mumbai Schedule	24.221	587.144
4) RPL(AMT)	22.193	40.794	b) Mumbai Drawl	28.604	658.980
5) WPCL	2.916	85.255	c) MSEDCL Bilateral *	26.695	990.901
6) PGPL	0.000	0.000	Include PX	0.883	185.127
7) Other IPP	4.499	167.157	d) Mumbai Bilateral *	24.221	587.144
C) 1) TPCL Thermal	16.595	423.464	Include PX	6.270	154.329
2) TPCL Hydro	4.988	112.051	Include Standby	0.000	0.000
3) TPCL Gas	4.326	129.125	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.091	309.454	1) MSEDCL	427.744	11570.501
D) STATE			2) Mumbai Discoms	66.604	1633.061
1) Thermal	302.124	7649.153	TOTAL STATE	494.348	13203.562
(A1+C1+C4+(B1-B6))					
2) Hydro	26.722	509.055			
(A2+C2)					
3) Gas	14.839	427.275			
(A3+B6+C3)					
4) Wind	6.775	221.990			
6) SOLAR	1.307	40.233			
TOTAL STATE	351.767	8847.706			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6195	5673	6388	6355
MSPGCL Hydro	2056	1944	863	262
MSPGCL Gas	418	431	442	445
MSPGCL Total Generation	8669	8048	7693	7062
Central Sector Receipt	6571	6674	5944	5496
WIND	66	88	425	286
CPP / IPP Thermal	5127	5133	5315	5022
CPP / IPP Gas	0	0	0	0
SOLAR	166	188	0	0
Exchange with Mumbai	-1473	-1470	-1442	-834
MSEDCL DEMAND MET	19126	18661	17935	17032
Load Shedding	431	667	0	0
MSEDCL DEMAND	19557	19328	17935	17032
TPCL GENERATION	1371	1372	1139	699
R-INFRA GENERATION	492	499	503	509
MUMBAI DEMAND	3336	3341	3084	2042
STATE DEMAND MET	22462	22002	21019	19074
STATE DEMAND	22893	22669	21019	19074
Frequency (Hz)	49.94	49.90	49.94	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.02 Hrs	49.73 Hz at 12.21 Hrs	49.95	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/Mar/2017

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	3.83	19.03	165	150
Unit 8	12.99	383.76	620	400
Unit 9	12.11	267.89	648	450
Unit 10	0.00	0.00	0	0
Total	28.93	670.69		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.61	31.32	195	190
Unit 4	11.76	290.29	510	410
Unit 5	10.04	302.06	505	0
Total	26.40	623.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.93	159.44	250	227
Unit 7	5.72	157.06	252	205
Unit 8	2.28	24.32	159	0
Total	13.93	340.82		
Chandrapur				
Unit 3	4.73	130.43	200	190
Unit 4	4.68	116.83	199	191
Unit 5	10.15	294.13	440	404
Unit 6	10.45	265.26	445	417
Unit 7	0.00	0.00	0	0
Unit 8	9.48	208.59	453	320
Unit 9	0.00	205.22	0	0
Total	39.49	1220.47		
Paras				
Unit 3	5.99	69.68	252	244
Unit 4	0.00	155.93	0	0
Total	5.99	225.61		
Khaparkheda				
Unit 1	4.18	36.28	180	145
Unit 2	4.24	83.55	185	145
Unit 3	4.55	62.25	200	180
Unit 4	3.35	40.17	144	130
Unit 5	10.59	266.51	490	396
Total	26.91	488.75		
Nasik				
Unit 3	4.21	121.10	190	165
Unit 4	0.00	100.02	0	0
Unit 5	4.33	19.79	200	165
Total	8.54	240.91		
Uran				
All Units	10.51	298.15	449	418
Total	10.51	298.15		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	3.94	24	0
Total	0.04	3.94		
Koyna				
Stage 1-2	5.52	107.16	585	45
Stage 4	8.24	111.37	750	0
Stage 3	3.16	48.28	240	0
Total	16.92	266.80		
Hydro				
KDPH	0.82	20.92	34	34
VTRNA	1.46	34.81	61	59
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.16	5.88	80	0
RNGR+BHTSA	0.33	9.16	14	13
BHANDARDRA	0.50	14.01	21	20
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.55	15.15	24	23
GHATGHAR	1.01	19.39	250	0
Total	4.82	130.20		
Wind				
Total	6.78	221.99	0	0
Total	6.78	221.99		
CPP				
APML(Mus)	60.66	2031.14	0	0
JSWEL(Mus)	18.73	491.09	0	0
VIPL(Mus)	14.25	289.89	0	0
RPLAMT(Mus)	22.19	40.79	0	0
WPCL(Mus)	2.92	85.26	0	0
Other(Mus)	4.50	167.16	0	0
Total	123.24	3105.33		
SOLAR				
Total	1.31	40.23	0	0
Total	1.31	40.23		
Tata				
Trombay 5	10.93	270.69	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	82.84	121	110
Trombay 7B	1.54	46.28	66	62
Trombay 8	5.66	152.77	248	199
TATA Hydro	4.99	112.05	459	0
Total	25.91	664.64		
R-INFRA				
DTPS U-1&2	12.09	309.45	510	492
Total	12.09	309.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.19	3810.91	MSPGCL Total	182.44	4506.06
			MSPGCL Thml+Gas	160.71	4109.06	Koyna 1,2 & 4 Total	13.76	218.52
			MSPGCL Hydro	21.73	397.00	State Total	351.77	8847.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Mar/2017

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			THM	GAS										
1	6362	393	442	7197	353	4985	0	0	5838	5750	-1061	17224	0	17224	2484	19708	49.96
2	6387	252	445	7084	268	5036	0	0	5801	5607	-878	17117	0	17117	2305	19422	49.96
3	6369	257	446	7072	246	5037	0	0	5685	5421	-839	16937	0	16937	2148	19085	49.93
4	6355	262	445	7062	286	5022	0	0	5583	5496	-834	17032	0	17032	2042	19074	49.92
5	6382	266	445	7093	424	5023	0	0	5489	5363	-804	17099	0	17099	2013	19112	49.93
6	6418	568	443	7429	398	5027	0	0	5529	5579	-784	17649	0	17649	2058	19707	49.88
7	6487	1225	444	8156	281	5016	0	0	5832	5635	-726	18362	0	18362	2177	20539	49.99
8	6501	987	449	7937	184	5006	0	25	5885	6038	-705	18485	0	18485	2248	20733	50.00
9	6526	1039	431	7996	89	4991	0	76	5881	6076	-921	18307	0	18307	2593	20900	49.91
10	6521	1153	432	8106	83	5030	0	123	5741	5979	-1304	18017	0	18017	3060	21077	49.98
11	6351	1797	422	8570	77	5056	0	172	5909	6080	-1324	18631	13	18644	3192	21836	49.96
12	6195	2056	418	8669	66	5127	0	166	6018	6571	-1473	19126	431	19557	3336	22893	49.94
13	5673	1944	431	8048	88	5133	0	188	6009	6674	-1470	18661	667	19328	3341	22669	49.90
14	5547	1437	437	7421	147	5108	0	169	6014	5533	-1447	16931	703	17634	3251	20885	50.03
15	5810	957	425	7192	217	5152	0	156	6013	7170	-1456	18431	263	18694	3287	21981	49.92
16	6120	1477	432	8029	225	5156	0	124	6305	6356	-1499	18391	317	18708	3298	22006	49.97
17	6217	1427	428	8072	244	5151	0	77	6348	6644	-1499	18689	330	19019	3216	22235	49.99
18	6324	948	444	7716	286	5160	0	29	6174	6116	-1501	17806	101	17907	3138	21045	50.00
19	6355	337	444	7136	379	5198	0	2	6037	5860	-1372	17203	0	17203	3034	20237	49.98
20	6388	863	442	7693	425	5315	0	0	5841	5944	-1442	17935	0	17935	3084	21019	49.94
21	6274	584	438	7296	395	5351	0	0	5698	5656	-1296	17402	0	17402	2939	20341	49.93
22	6175	480	440	7095	462	5369	0	0	5619	5509	-1288	17147	0	17147	2790	19937	49.94
23	6224	448	446	7118	527	5398	0	0	5578	5611	-1349	17305	0	17305	2791	20096	49.95
24	6233	577	444	7254	625	5395	0	0	5599	5913	-1332	17855	0	17855	2779	20634	49.97
MUs	150.19	21.73	10.51	182.44	6.78	123.24	0.00	1.31	140.43	142.58	-28.60	427.74	2.83	430.57	66.60	497.17	49.95

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/Mar/2017

Position as on 6.30 Hrs of 30/Mar/2017

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 synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01	29/03/2017	08.59	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03	30/03/2017	06.08	Zero Schedule By MSEDCL.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
CPP	SWPGL U-4	135	22/03/2017	00.01		Continued.	SSC Chain Broken.	
IPP	Adani U-4	660	24/03/2017	22.00		Continued.	Main Steam Stop Valve Block.	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	BTL continued under zero schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Chandrapur Unit 9	500	28/03/2017	14.33		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	28/03/2017	18.26		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Mar/2017

Position as on 6.30 Hrs of 30/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	29/03/2017	10.33	29/03/2017	14.12	dc earth fault indication	
MSPGCL	Bhusawal Unit 5	500	29/03/2017	12.16	29/03/2017	14.14	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 30/Mar/2017

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	29/03/2017	20.31		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/03/2017	03.00	29/03/2017	08.52	T	Distance Protection
New Koyna -Koyna Stage IV-I	IntraState	29/03/2017	08.33	29/03/2017	14.18	PO	Routine Maintenance Work
Karad - Lonikand 1	IntraState	29/03/2017	15.00	29/03/2017	16.38	T	Distance Protection
Karad - Jaigad - II	IntraState	29/03/2017	22.22	29/03/2017	22.38	T	tripped only from jaigad end.
Karad - Jaigad - II	IntraState	29/03/2017	23.18		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	29/03/2017	16.26	29/03/2017	16.31	T	Bus Bar Protection testing work.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	29/03/2017	16.26	29/03/2017	16.28	T	Bus Bar Protection testing work.
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	29/03/2017	09.14	29/03/2017	17.49	PO	Routine Maintenance Work
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.
Raymond - Washala	IntraState	29/03/2017	09.50	29/03/2017	17.29	PO	REPLACEMENT OF CTS.
Uran - Kharghar 2	IntraState	29/03/2017	10.10	29/03/2017	18.31	PO	DISC. ISULATER REPLACEMENT
Butibori - VIPL Ckt I	IntraState	29/03/2017	11.18	29/03/2017	16.41	PO	ABT METER INSTALLATION WORK AR VIPLEND
Niwali - Pawas Line	IntraState	29/03/2017	14.30	29/03/2017	16.02	PO	Routine Maintenance Work
Miraj - Mhaishal	IntraState	29/03/2017	14.50	29/03/2017	15.21	PO	construction work
Lamboti-Vita	IntraState	29/03/2017	16.26	29/03/2017	16.31	T	Bus Bar Protection testing work.
Lamboti - Pandharpur li	IntraState	29/03/2017	16.26	29/03/2017	16.28	T	Bus Bar Protection testing work.
Lamboti -Solapur li(Bale) Ckt- li	IntraState	29/03/2017	16.26	29/03/2017	16.31	T	Bus Bar Protection testing work.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	29/03/2017	16.26	29/03/2017	16.28	T	Bus Bar Protection testing work.
Uran - Apta IV	IntraState	29/03/2017	16.37	29/03/2017	16.85	PO	gas relay bypass.
Butibori - VIPL Ckt II	IntraState	29/03/2017	16.44	29/03/2017	18.06	PO	ABT METER INSTALLATION WORK AR VIPLEND
Tilawani-Talandge-I	IntraState	29/03/2017	16.54	29/03/2017	19.16	PO	y phase red hot spot attend.
Padghe - Nalasopara	IntraState	29/03/2017	17.00	29/03/2017	17.10	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Uppalwadi-Pardi	IntraState	29/03/2017	09.05	29/03/2017	13.52	PO	Quarterly Maintainance Work
Yavatmal-Pandharkawada	IntraState	29/03/2017	10.47	29/03/2017	13.28	PO	Attending Hot Spot
Brahmapuri - Aa Energy	IntraState	29/03/2017	11.05	29/03/2017	14.35	PO	Measurment of Tan Delta of ICT
Parli 1 - Parli 2(Girwali) Ckt - I	IntraState	29/03/2017	11.08	29/03/2017	22.09	PO	FOR LILO WORK.
Parli 2(Girwali) -Gangakhed	IntraState	29/03/2017	11.08		Continued.	PO	FOR LILO WORK.
Padegaon Paithan	IntraState	29/03/2017	12.46	29/03/2017	17.30	PO	Relay Testing Work.
Gangakhed - Kandhar	IntraState	29/03/2017	13.15	29/03/2017	14.40	PO	TO REMOVE HANGING CLOTH AT LOC.

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