

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Aug/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.899	2885.076	1) Gujrat	-1.649	-59.619
2) Hydro	13.460	215.300	2) Madhya Pradesh	8.695	237.868
3) Gas	2.929	172.923	3) Chattisgarh	5.240	137.960
Total MSPGCL	96.288	3273.299	4) Maharashtra Net	117.979	2976.914
B) 1) APML	64.695	1622.977	5) Goa (Amona)	-0.374	-18.282
2) JSWEL	17.574	454.056	Total	129.891	3274.841
3) VIPL	7.502	150.092	a) Mumbai Schedule	24.371	643.672
4) RPL(AMT)	20.937	581.364	b) Mumbai Drawl	24.116	754.748
5) WPCL	4.171	110.661	c) MSEDCL Bilateral *	21.048	580.427
6) PGPL	0.000	0.000	Include PX	3.908	22.327
7) Other IPP	3.470	132.908	d) Mumbai Bilateral *	24.371	643.672
C) 1) TPCL Thermal	15.421	391.721	Include PX	5.384	200.584
2) TPCL Hydro	6.010	135.497	Include Standby	0.000	0.000
3) TPCL Gas	3.751	105.781	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.573	276.811	1) MSEDCL	348.280	10327.838
D) STATE			2) Mumbai Discoms	59.871	1664.558
1) Thermal	224.242	6605.666	TOTAL STATE	408.151	11992.396
(A1+C1+C4+(B1-B6))					
2) Hydro	19.470	350.797			
(A2+C2)					
3) Gas	6.680	278.704			
(A3+B6+C3)					
4) Wind	23.136	1377.631			
6) SOLAR	4.732	104.757			
TOTAL STATE	278.260	8717.555			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3265	3565	3165	3339
MSPGCL Hydro	987	325	1798	123
MSPGCL Gas	131	130	121	121
MSPGCL Total Generation	4383	4020	5084	3583
Central Sector Receipt	6379	5884	5024	4706
WIND	753	668	1216	784
CPP / IPP Thermal	4930	5116	5159	4636
CPP / IPP Gas	0	0	0	0
SOLAR	306	632	0	0
Exchange with Mumbai	-827	-1445	-960	-727
MSEDCL DEMAND MET	15924	14875	15523	12982
Load Shedding	0	0	0	0
MSEDCL DEMAND	15924	14875	15523	12982
TPCL GENERATION	1224	1203	1362	606
R-INFRA GENERATION	502	377	499	375
MUMBAI DEMAND	2553	3025	2821	1708
STATE DEMAND MET	18477	17900	18344	14690
STATE DEMAND	18477	17900	18344	14690
Frequency (Hz)	50.03	50.03	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.65 Hz at 06.14 Hrs	49.96	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/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.99	0	0
Unit 7	0.00	3.92	0	0
Unit 8	0.00	177.30	0	0
Unit 9	7.94	232.55	376	280
Unit 10	0.00	0.00	0	0
Total	7.94	414.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.26	277.22	435	305
Total	9.26	362.47		
Parli				
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	5.34	134.84	248	180
Unit 8	5.66	151.13	247	208
Total	11.00	285.97		
Chandrapur				
Unit 3	2.40	2.40	148	22
Unit 4	4.05	98.32	180	155
Unit 5	7.54	227.85	346	280
Unit 6	4.74	160.59	335	0
Unit 7	0.00	202.42	0	0
Unit 8	0.00	168.88	0	0
Unit 9	5.06	146.01	370	0
Total	23.79	1006.49		
Paras				
Unit 3	5.11	138.86	229	180
Unit 4	4.57	135.03	240	155
Total	9.68	273.89		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	0.00	64.05	0	0
Unit 3	3.72	58.98	164	140
Unit 4	2.74	100.67	162	0
Unit 5	7.49	168.54	390	260
Total	13.95	425.61		
Nasik				
Unit 3	4.28	88.97	186	162
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	4.28	115.88		
Uran				
All Units	2.93	172.92	131	119
Total	2.93	172.92		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.07	1.84	36	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.84		
Koyna				
Stage 1-2	2.42	51.64	470	40
Stage 4	4.41	25.07	893	0
Stage 3	2.06	34.52	160	0
Total	8.89	111.23		
Hydro				
KDPH	0.86	20.65	36	36
VTRNA	0.96	15.76	60	0
TILLARI	0.78	21.16	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	12.30	80	0
RNGR+BHTSA	0.38	5.43	17	16
BHANDARDRA	0.34	9.90	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	14.18	28	16
GHATGHAR	0.37	4.69	125	0
Total	4.57	104.07		
Wind				
Total	23.14	1377.63	0	0
Total	23.14	1377.63		
CPP				
APML(Mus)	64.70	1622.98	0	0
JSWEL(Mus)	17.57	454.06	0	0
VIPL(Mus)	7.50	150.09	0	0
RPLAMT(Mus)	20.94	581.36	0	0
WPCL(Mus)	4.17	110.66	0	0
Other(Mus)	3.47	132.91	0	0
Total	118.35	3052.06		
SOLAR				
Total	4.73	104.76	0	0
Total	4.73	104.76		
Tata				
Trombay 5	10.04	240.80	478	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	65.39	117	62
Trombay 7B	1.46	40.39	68	50
Trombay 8	5.39	150.93	241	199
TATA Hydro	6.01	135.50	462	0
Total	25.18	633.00		
R-INFRA				
DTPS U-1&2	10.57	276.81	502	374
Total	10.57	276.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	79.90	2885.08	MSPGCL Total	96.29	3273.30
			MSPGCL Thml+Gas	82.83	3058.00	Koyna 1,2 & 4 Total	6.83	76.71
			MSPGCL Hydro	13.46	215.30	State Total	278.26	8717.56

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Aug/2018

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			THM	GAS										
1	3347	166	121	3634	782	4703	0	0	4707	4763	-979	12903	0	12903	2012	14915	49.91
2	3355	128	120	3603	789	4658	0	0	4625	4703	-862	12891	0	12891	1852	14743	49.94
3	3349	133	121	3603	765	4681	0	0	4459	4672	-775	12946	0	12946	1757	14703	49.96
4	3339	123	121	3583	784	4636	0	0	4614	4706	-727	12982	0	12982	1708	14690	49.97
5	3278	123	120	3521	733	4702	0	0	4689	4717	-595	13078	0	13078	1694	14772	49.86
6	3327	264	121	3712	697	4849	0	0	4969	5113	-309	14062	0	14062	1912	15974	49.89
7	3221	1127	121	4469	611	4868	0	15	5854	6048	-326	15685	0	15685	2044	17729	49.88
8	3231	846	120	4197	617	4870	0	131	6366	6374	-498	15691	0	15691	2243	17934	49.96
9	3265	987	131	4383	753	4930	0	306	6164	6379	-827	15924	0	15924	2553	18477	50.03
10	3279	944	121	4344	695	4957	0	454	6052	6115	-1142	15423	0	15423	2860	18283	50.01
11	3341	683	120	4144	716	5034	0	558	5965	6155	-1298	15309	0	15309	3064	18373	49.98
12	3425	388	120	3933	817	5082	0	627	6139	5931	-1374	15016	0	15016	3109	18125	49.98
13	3565	325	130	4020	668	5116	0	632	5984	5884	-1445	14875	0	14875	3025	17900	50.03
14	3601	296	120	4017	781	5083	0	545	5668	5831	-1413	14844	0	14844	2885	17729	50.04
15	3575	242	119	3936	995	5129	0	540	5674	5612	-1367	14845	0	14845	2925	17770	49.98
16	3514	241	120	3875	1371	5017	0	481	5676	5385	-1397	14732	0	14732	2921	17653	50.01
17	3485	257	130	3872	1597	4921	0	304	5340	5424	-1479	14639	0	14639	2895	17534	49.97
18	3217	351	120	3688	1548	5058	0	124	5570	5452	-1431	14439	0	14439	2856	17295	50.00
19	3166	747	120	4033	1542	5122	0	15	5200	5295	-1174	14833	0	14833	2808	17641	49.92
20	3165	1798	121	5084	1216	5159	0	0	4860	5024	-960	15523	0	15523	2821	18344	49.95
21	3206	1279	130	4615	1207	5174	0	0	4774	5048	-837	15207	0	15207	2702	17909	49.95
22	3236	829	121	4186	1181	5059	0	0	4994	5122	-908	14640	0	14640	2538	17178	49.95
23	3230	727	120	4077	1123	4817	0	0	5062	5116	-1042	14091	0	14091	2410	16501	49.95
24	3182	456	121	3759	1148	4720	0	0	4982	5022	-951	13698	0	13698	2277	15975	50.02
MUs	79.90	13.46	2.93	96.29	23.14	118.35	0.00	4.73	128.39	129.89	-24.12	348.28	0.00	348.28	59.87	408.15	49.96

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/Aug/2018

Position as on 6.30 Hrs of 30/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Capital Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02	29/08/2018	09.41	zero schedule by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/08/2018	15:00	30/08/2018	06.03	Zero Schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 2	210	21/08/2018	00.00	30/08/2018	03.11	Wet coal.	
MSPGCL	Chandrapur Unit-8	500	23/08/2018	08.37		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	23/08/2018	14.49		Continued.	Master Fuel Trip	
IPP	Dhariwal	300	24/08/2018	14.01		Continued.	POOR COAL RECEIPT.	
IPP	RPL(AMT) U-5	270	24/08/2018	18.05		Continued.	MASTER FUEL TRIPPED.	
MSPGCL	Chandrapur Unit 7	500	25/08/2018	20:10		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 6	108	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit A0	120	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit 5	108	27/08/2018	03.31		Continued.	Due to A0 Trip.	
MSPGCL	Koradi Unit 6	210	28/08/2018	06.14		Continued.	Main Steam Temp. Low.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	28/08/2018	22.09	29/08/2018	05.08	flashover in 9ca breaker.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Aug/2018

Position as on 6.30 Hrs of 30/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-4	135	29/08/2018	03.06	29/08/2018	07.16	oil line leakage (generator valve).	
MSPGCL	Chandrapur Unit 9	500	29/08/2018	06.10	29/08/2018	08.27	Drum level high.	
MSPGCL	Chandrapur Unit 6	500	29/08/2018	16.52	29/08/2018	23.43	HPT Control Valve Problem.	
MSPGCL	Khaparkheda Unit 4	210	29/08/2018	17.44		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 30/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	28/08/2018	23.15	29/08/2018	01.20	PO	Load reduced to zero due to CB problem.
Chandrapur - Padghe Hvdc Pole 2	IntraState	29/08/2018	23.15	29/08/2018	01.20	PO	Load Reduced To Zero Due To CB Problem.
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	16/08/2018	03.38		Continued.	T	Distance Protection
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad-Jaigad - I	IntraState	18/08/2018	23.32	29/08/2018	11.05	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/08/2018	18.18	29/08/2018	09.20	HT	Over Voltage
Bus Coupler @ Parly(Girwali)	IntraState	25/08/2018	12.25		Continued.	HT	Bus Bar Protection Out Of Service.
Karad - Talandge Ckt 2	IntraState	28/08/2018	16.37	29/08/2018	08.43	EO	y ph ct side clamp hot spot.(18.40 REC).
Taptitanda Waluj	IntraState	29/08/2018	10.53	29/08/2018	16.00	PO	Distance Relay Testing Work
Karad - Jaigad - II	IntraState	29/08/2018	20.19		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/08/2018	22.53	30/08/2018	06.21	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	28/08/2018	01.05		Continued.	T	on ndr trial failed at 02.16 hrs.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	28/08/2018	02.16		Continued.	T	Tripped on NDR.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Solapur(PG)- Jeur	InterState	29/08/2018	10.53	29/08/2018	18.24	PO	STUB Bus Stringing For Commissioning Of PTR.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Conductor Replacement Work.
JATH SHEDYAL	IntraState	27/08/2018	21.13		Continued.	HT	Over Voltage
Adlabs - Pedambe	IntraState	28/08/2018	20.08	29/08/2018	20.00	PO	burning of jump / heavy sparking at pedambe end
Pedambe-Nerle	IntraState	28/08/2018	20.54	29/08/2018	22.05	T	Distance Protection
Pirangut - Hinjewadi I	IntraState	29/08/2018	08.20	29/08/2018	13.32	PO	Replacement Of Flashover Insulator String.
Shivajinagar-Gangapur	IntraState	29/08/2018	10.34	29/08/2018	11.47	PO	Carrying Out Signature Test.
Paras-Chikhali Ckt No-I	IntraState	29/08/2018	10.43	29/08/2018	16.59	PO	Routine Maintenance Work
VILEBHAGAD KANDALGAON	IntraState	29/08/2018	10.45	29/08/2018	20.40	PO	CB Maintenance Work.
Mudshingi-Belewadi	IntraState	29/08/2018	11.00	29/08/2018	12.38	PO	Quarterly Maintenance Work
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	29/08/2018	11.08	29/08/2018	13.14	EO	Attending Hot Spot
Warora - Wardha	IntraState	29/08/2018	20.45	29/08/2018	21.10	T	Distance Protection

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 29/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 30/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	29/08/2018	10.30	29/08/2018	13.12	PO	CB Timing Work.
220/132kv 100MVA ICT-2@Jeur	IntraState	29/08/2018	10.53	29/08/2018	17.10	PO	Quarterly Maintenance Work
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	29/08/2018	13.51	29/08/2018	16.28	PO	Quarterly Maintenance Work
132 KV LINE Outages/Trippings							
Naldurg - Ujani	IntraState	28/08/2018	12.35	29/08/2018	06.20	T	Distance Protection

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