

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Aug/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.694	1691.575	1) Gujrat	-3.113	-18.822
2) Hydro	6.880	98.706	2) Madhya Pradesh	5.245	131.632
3) Gas	5.887	87.645	3) Chattisgarh	3.810	73.010
Total MSPGCL	112.461	1877.926	4) Maharashtra Net	103.955	1579.140
B) 1) APML	51.577	822.658	5) Goa (Amona)	-0.616	-10.604
2) JSWEL	11.403	239.566	Total	109.281	1754.356
3) VIPL	6.122	81.361	a) Mumbai Schedule	18.015	340.653
4) RPL(AMT)	25.418	394.900	b) Mumbai Drawl	22.726	406.754
5) WPCL	3.698	62.355	c) MSEDCL Bilateral *	21.926	284.289
6) PGPL	0.000	0.000	Include PX	3.637	9.246
7) Other IPP	3.299	51.914	d) Mumbai Bilateral *	18.015	340.653
C) 1) TPCL Thermal	13.047	205.195	Include PX	1.696	110.414
2) TPCL Hydro	1.140	64.602	Include Standby	0.000	0.000
3) TPCL Gas	3.848	53.509	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.432	144.549	1) MSEDCL	346.844	5693.300
D) STATE			2) Mumbai Discoms	50.194	874.608
1) Thermal	223.690	3694.073	TOTAL STATE	397.038	6567.908
(A1+C1+C4+(B1-B6))					
2) Hydro	8.020	163.308			
(A2+C2)					
3) Gas	9.735	141.154			
(A3+B6+C3)					
4) Wind	43.409	757.746			
6) SOLAR	2.902	57.272			
TOTAL STATE	287.756	4813.553			

* 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 24 Hrs
MSPGCL Thermal	4465	4274	4021	3868
MSPGCL Hydro	324	272	350	171
MSPGCL Gas	263	236	240	240
MSPGCL Total Generation	5052	4782	4611	4279
Central Sector Receipt	5239	4827	3903	3581
WIND	1472	1624	1840	1629
CPP / IPP Thermal	4519	4218	3864	4017
CPP / IPP Gas	0	0	0	0
SOLAR	167	404	0	0
Exchange with Mumbai	-889	-1062	-944	-1047
MSEDCL DEMAND MET	15560	14793	13274	12459
Load Shedding	0	0	0	0
MSEDCL DEMAND	15560	14793	13274	12459
TPCL GENERATION	757	823	981	717
R-INFRA GENERATION	434	376	375	377
MUMBAI DEMAND	2080	2261	2300	2141
STATE DEMAND MET	17640	17054	15574	14600
STATE DEMAND	17640	17054	15574	14600
Frequency (Hz)	50.04	50.01	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 16.05 Hrs	49.83 Hz at 21.04 Hrs	50.01	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 15/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.92	0	0
Unit 8	7.87	131.36	338	310
Unit 9	7.93	140.04	331	323
Unit 10	0.00	0.00	0	0
Total	15.80	275.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.49	142.08	460	345
Total	9.49	227.34		
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	4.05	75.33	194	148
Unit 8	5.18	80.06	240	193
Total	9.23	155.39		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.06	46.44	177	164
Unit 5	6.86	137.29	330	250
Unit 6	0.00	85.09	0	0
Unit 7	6.96	139.73	328	257
Unit 8	9.05	122.71	410	333
Unit 9	5.65	63.39	368	0
Total	32.58	594.66		
Paras				
Unit 3	5.13	76.51	250	189
Unit 4	3.64	73.97	220	0
Total	8.78	150.48		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	3.10	51.39	160	100
Unit 3	3.80	25.40	172	150
Unit 4	3.77	56.19	184	136
Unit 5	9.22	61.70	460	360
Total	19.89	228.04		
Nasik				
Unit 3	3.93	33.44	182	157
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.93	60.34		
Uran				
All Units	5.89	87.64	263	236
Total	5.89	87.64		
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)	0.02	0.86	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.86		
Koyna				
Stage 1-2	1.88	27.80	355	40
Stage 4	0.52	13.90	240	0
Stage 3	0.71	15.50	206	0
Total	3.11	57.20		
Hydro				
KDPH	0.86	9.03	36	36
VTRNA	0.54	2.49	61	0
TILLARI	0.78	10.64	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	6.13	80	0
RNGR+BHTSA	0.36	0.89	16	0
BHANDARDRA	0.34	5.07	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	7.26	31	19
GHATGHAR	0.00	0.00	0	0
Total	3.77	41.51		
Wind				
Total	43.41	757.75	0	0
Total	43.41	757.75		
CPP				
APML(Mus)	51.58	822.66	0	0
JSWEL(Mus)	11.40	239.57	0	0
VIPL(Mus)	6.12	81.36	0	0
RPLAMT(Mus)	25.42	394.90	0	0
WPCL(Mus)	3.70	62.36	0	0
Other(Mus)	3.30	51.91	0	0
Total	101.52	1652.75		
SOLAR				
Total	2.90	57.27	0	0
Total	2.90	57.27		
Tata				
Trombay 5	7.94	126.31	475	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	33.51	116	64
Trombay 7B	1.48	20.00	67	51
Trombay 8	5.11	78.88	231	198
TATA Hydro	1.14	64.60	387	0
Total	18.04	323.31		
R-INFRA				
DTPS U-1&2	9.43	144.55	503	373
Total	9.43	144.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.69	1691.58	MSPGCL Total	112.46	1877.93
			MSPGCL Thml+Gas	105.58	1779.22	Koyna 1,2 & 4 Total	2.39	41.70
			MSPGCL Hydro	6.88	98.71	State Total	287.76	4813.55

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 15/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	4080	142	251	4473	1962	4389	0	0	4754	4805	-989	14640	0	14640	2110	16750	49.98
2	4076	165	239	4480	1976	4657	0	0	4657	4801	-896	15018	0	15018	1949	16967	50.01
3	4083	127	241	4451	1995	4388	0	0	4595	4690	-815	14709	0	14709	1835	16544	50.02
4	4079	127	260	4466	1996	4385	0	0	4514	4707	-763	14791	0	14791	1763	16554	50.01
5	4087	132	240	4459	1924	4680	0	0	4700	4833	-761	15135	0	15135	1760	16895	50.01
6	4117	316	250	4683	1811	4672	0	0	5425	5810	-629	16347	0	16347	1849	18196	49.97
7	4099	682	240	5021	1775	4688	0	17	6395	6231	-596	17136	0	17136	1932	19068	49.99
8	4277	459	242	4978	1672	4674	0	73	5802	5654	-654	16397	0	16397	1986	18383	50.06
9	4465	324	263	5052	1472	4519	0	167	5353	5239	-889	15560	0	15560	2080	17640	50.04
10	4471	339	241	5051	1554	4347	0	266	5007	5070	-1123	15165	0	15165	2183	17348	50.03
11	4258	348	250	4856	1550	4310	0	266	4841	4977	-1157	14802	0	14802	2246	17048	50.01
12	4212	306	237	4755	1560	4231	0	351	4722	4964	-1155	14706	0	14706	2287	16993	49.99
13	4274	272	236	4782	1624	4218	0	404	4719	4827	-1062	14793	0	14793	2261	17054	50.01
14	4302	205	248	4755	1750	4242	0	417	4603	4452	-1071	14545	0	14545	2178	16723	50.04
15	4246	188	239	4673	1907	4149	0	358	4487	4265	-1028	14324	0	14324	2123	16447	50.04
16	4211	190	250	4651	2071	3931	0	384	4258	4123	-1007	14153	0	14153	2084	16237	50.08
17	4230	185	250	4665	2057	3775	0	148	3885	4099	-987	13757	0	13757	2058	15815	50.06
18	4244	185	241	4670	2014	3802	0	45	3964	3711	-1002	13240	0	13240	2082	15322	50.01
19	4052	246	249	4547	1824	3804	0	6	3760	4062	-1100	13143	0	13143	2172	15315	50.03
20	4021	350	240	4611	1840	3864	0	0	3812	3903	-944	13274	0	13274	2300	15574	50.00
21	4007	474	249	4730	1769	3913	0	0	3260	3615	-851	13176	0	13176	2338	15514	49.98
22	3988	557	251	4796	1944	3859	0	0	3274	3489	-1089	12999	0	12999	2258	15257	49.97
23	3947	390	240	4577	1733	3997	0	0	3411	3373	-1111	12569	0	12569	2218	14787	49.99
24	3868	171	240	4279	1629	4017	0	0	3515	3581	-1047	12459	0	12459	2141	14600	50.01
MUs	99.69	6.88	5.89	112.46	43.41	101.52	0.00	2.90	107.71	109.28	-22.73	346.84	0.00	346.84	50.19	397.04	50.01

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 15/Aug/2018

Position as on 6.30 Hrs of 16/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.	COH	
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	
IPP	Adani U-1	660	04/08/2018	00:00		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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	GT winding short.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	R & M Work	
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.	Boiler Validity Extention	
MSPGCL	Koyana STG-IV Unit-2	250	07/08/2018	09.00	15/08/2018	01.02	replacement of Valve.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15		Continued.	Water Shortage	
MSPGCL	Khaparkhedda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Chandrapur Unit 9	500	14/08/2018	19.07	15/08/2018	06.46	Electrical Protection Operating.	
MSPGCL	Paras Unit 4	250	15/08/2018	18.09	16/08/2018	00.42	Loss of fuel	
MSPGCL	Uran Unit B0	120	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Uran Unit 8	108	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Chandrapur Unit 7	500	16/08/2018	04.02	16/08/2018	10:15	FAILURE OF AUXILIARY SUPPLY.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 16/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 1	IntraState	15/08/2018	15.11	15/08/2018	18.30	T	HIGH ANGLE SUPERVISION TRIP.
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 II	InterState	14/08/2018	18.15	16/08/2018	04.15	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	15/08/2018	19.15		Continued.	T	Distance Protection
Dhule Sar'Sarovar I	InterState	16/08/2018	03.38		Continued.	HT	Over Voltage
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)
Girwali-Solapur (Lamboti)	IntraState	13/08/2018	14.18	15/08/2018	15.11	T	Distance Protection
New Koyna - Dabhol - li	IntraState	14/08/2018	08.54	15/08/2018	10.14	PO	Replacement Of Insulator String Found Decapped At LOC No.06 B PH.
Khadka-Aurangabad (Waluj)	IntraState	14/08/2018	17.57	15/08/2018	06.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/08/2018	18.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/08/2018	00.30		Continued.	T	Over Voltage
Babhaleshwar - Padghe-I	IntraState	15/08/2018	03.45	15/08/2018	16.24	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	15/08/2018	09.03	16/08/2018	06.26	PO	CHEMICAL CLEANING OF INSULATOR ETC. RFC AT 19.37 HRS VOLTAGE 422 KV.
Khadka-Aurangabad (Waluj)	IntraState	15/08/2018	16.09		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	15/08/2018	16.26		Continued.	T	Y-PHASE E/F, 2.9KA 69KM FROM LAMBOTI PARLI END.82.4KM. Y PHASE.4.4KA
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.
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.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
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.
Main bus @kalyani	IntraState	15/08/2018	10.40	15/08/2018	15.45	PO	Annual Maintenance Work
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.

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