

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.098	1893.087	1) Gujrat	-3.776	-95.357
2) Hydro	11.212	102.622	2) Madhya Pradesh	15.916	146.755
3) Gas	8.885	127.772	3) Chattisgarh	6.430	89.450
Total MSPGCL	143.195	2123.481	4) Maharashtra Net	123.981	1807.007
B) 1) APML	34.336	542.184	5) Goa (Amona)	-0.374	-3.696
2) JSWEL	26.068	378.866	Total	142.177	1944.159
3) VIPL	7.279	126.380	a) Mumbai Schedule	29.702	451.711
4) RPL(AMT)	19.073	254.125	b) Mumbai Drawl	34.441	491.650
5) WPCL	2.777	63.022	c) MSEDCL Bilateral *	35.920	543.457
6) PGPL	0.000	0.000	Include PX	0.196	75.659
7) Other IPP	9.871	158.734	d) Mumbai Bilateral *	29.702	448.326
C) 1) TPCL Thermal	16.585	246.469	Include PX	13.781	145.838
2) TPCL Hydro	2.898	57.528	Include Standby	0.000	3.385
3) TPCL Gas	3.674	53.703	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.006	174.493	1) MSEDCL	402.104	5705.875
D) STATE			2) Mumbai Discoms	69.604	1023.846
1) Thermal	251.093	3837.360	TOTAL STATE	471.708	6729.721
(A1+C1+C4+(B1-B6))					
2) Hydro	14.110	160.150			
(A2+C2)					
3) Gas	12.559	181.475			
(A3+B6+C3)					
4) Wind	45.697	529.754			
6) SOLAR	6.072	76.820			
TOTAL STATE	329.531	4785.559			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4908	4840	5209	5262
MSPGCL Hydro	263	392	77	640
MSPGCL Gas	379	365	391	351
MSPGCL Total Generation	5550	5597	5677	6253
Central Sector Receipt	6542	6540	5969	5402
WIND	2128	2445	1755	1442
CPP / IPP Thermal	4172	4223	4108	4245
CPP / IPP Gas	0	0	0	0
SOLAR	736	553	0	0
Exchange with Mumbai	-1813	-1806	-1431	-920
MSEDCL DEMAND MET	17315	17552	16078	16422
Load Shedding	0	0	0	0
MSEDCL DEMAND	17315	17552	16078	16422
TPCL GENERATION	1142	1153	941	842
R-INFRA GENERATION	500	501	501	501
MUMBAI DEMAND	3455	3460	2873	2263
STATE DEMAND MET	20770	21012	18951	18685
STATE DEMAND	20770	21012	18951	18685
Frequency (Hz)	49.98	49.96	49.95	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 08:04 Hrs	49.78 Hz at 19:35 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 15/Jun/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	38.44	0	0
Unit 8	7.32	44.77	324	284
Unit 9	0.00	101.02	0	0
Unit 10	8.30	115.36	405	275
Total	15.61	299.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.95	148.78	490	350
Unit 5	7.38	145.15	475	0
Total	17.32	293.93		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.42	70.87	192	172
Unit 7	4.41	66.99	194	166
Unit 8	4.53	60.61	224	170
Total	13.36	198.47		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.10	158.37	470	450
Unit 6	0.00	0.00	0	0
Unit 7	10.35	150.84	453	398
Unit 8	11.01	143.33	483	420
Unit 9	10.45	106.47	463	403
Total	42.92	559.02		
Paras				
Unit 3	4.89	77.95	225	148
Unit 4	5.34	78.66	230	193
Total	10.23	156.61		
Khaparkheda				
Unit 1	0.00	6.78	0	0
Unit 2	0.00	37.36	0	0
Unit 3	3.66	52.39	160	150
Unit 4	3.50	37.38	151	138
Unit 5	8.41	129.46	355	345
Total	15.57	263.38		
Nasik				
Unit 3	4.16	63.52	183	160
Unit 4	0.00	0.13	0	0
Unit 5	3.92	58.45	167	154
Total	8.09	122.10		
Uran				
All Units	8.88	127.77	406	296
Total	8.88	127.77		
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)	0.09	0.80	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	0.80		
Koyna				
Stage 1-2	3.10	41.34	440	40
Stage 4	5.06	22.31	750	0
Stage 3	2.17	14.98	222	0
Total	10.34	78.64		
Hydro				
KDPH	0.32	3.21	14	13
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.99	80	0
RNGR+BHTSA	0.24	3.49	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	3.01	14	4
GHATGHAR	0.00	8.29	0	0
Total	0.87	23.98		
Wind				
Total	45.70	529.75	0	0
Total	45.70	529.75		
CPP				
APML(Mus)	34.34	542.18	0	0
JSWEL(Mus)	26.07	378.87	0	0
VIPL(Mus)	7.28	126.38	0	0
RPLAMT(Mus)	19.07	254.12	0	0
WPCL(Mus)	2.78	63.02	0	0
Other(Mus)	9.87	158.73	0	0
Total	99.40	1523.31		
SOLAR				
Total	6.07	76.82	0	0
Total	6.07	76.82		
Tata				
Trombay 5	10.95	162.98	482	396
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	33.27	105	82
Trombay 7B	1.38	20.44	61	53
Trombay 8	5.63	83.48	243	230
TATA Hydro	2.90	57.53	276	0
Total	23.16	357.70		
R-INFRA				
DTPS U-1&2	12.01	174.49	502	498
Total	12.01	174.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.10	1893.09	MSPGCL Total	143.20	2123.48
			MSPGCL Thml+Gas	131.98	2020.86	Koyna 1,2 & 4 Total	8.16	63.66
			MSPGCL Hydro	11.21	102.62	State Total	329.53	4785.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Jun/2018

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	5283	1376	318	6977	1496	4332	0	0	5650	5520	-1357	16968	0	16968	2783	19751	49.89
2	5261	1150	315	6726	1406	4304	0	0	5482	5567	-1173	16830	0	16830	2577	19407	49.93
3	5274	1071	296	6641	1317	4243	0	0	5417	5383	-1088	16496	0	16496	2430	18926	49.97
4	5263	881	300	6444	1348	4236	0	0	5347	5392	-967	16453	0	16453	2309	18762	49.93
5	5262	640	351	6253	1442	4245	0	0	5327	5402	-920	16422	0	16422	2263	18685	49.93
6	5270	935	390	6595	1554	4221	0	4	5641	5517	-973	16918	0	16918	2312	19230	49.96
7	5252	1428	388	7068	1508	4218	0	64	5801	5705	-963	17600	0	17600	2322	19922	49.99
8	5222	1034	397	6653	1645	4210	0	226	5677	5929	-1079	17584	0	17584	2444	20028	50.04
9	5229	387	381	5997	2038	4159	0	449	5863	5824	-1358	17109	0	17109	2764	19873	50.04
10	5274	192	394	5860	2131	4125	0	589	6104	5983	-1580	17108	0	17108	3105	20213	50.01
11	5011	226	368	5605	2237	4131	0	677	6106	6128	-1717	17061	0	17061	3338	20399	49.98
12	4908	263	379	5550	2128	4172	0	736	6283	6542	-1813	17315	0	17315	3455	20770	49.98
13	4887	284	376	5547	2222	4172	0	802	6361	6421	-1775	17389	0	17389	3398	20787	49.97
14	4766	142	366	5274	2591	4149	0	733	6712	6497	-1714	17530	0	17530	3312	20842	50.00
15	4711	192	375	5278	2324	4177	0	705	6626	6787	-1795	17476	0	17476	3418	20894	49.95
16	4840	392	365	5597	2445	4223	0	553	6487	6540	-1806	17552	0	17552	3460	21012	49.96
17	5139	82	367	5588	2620	4121	0	349	6468	6317	-1840	17155	0	17155	3396	20551	49.98
18	5111	77	389	5577	2326	3863	0	158	5780	5559	-1816	15667	0	15667	3249	18916	50.00
19	5041	67	383	5491	2068	3686	0	27	5486	5506	-1552	15226	0	15226	3006	18232	49.99
20	4980	102	404	5486	1760	3761	0	0	5743	5760	-1445	15322	0	15322	2934	18256	49.89
21	5209	77	391	5677	1755	4108	0	0	5904	5969	-1431	16078	0	16078	2873	18951	49.95
22	5304	67	393	5764	1710	4202	0	0	5913	5666	-1377	15965	0	15965	2783	18748	49.92
23	5308	71	393	5772	1783	4185	0	0	6017	5956	-1415	16281	0	16281	2810	19091	49.89
24	5293	76	406	5775	1843	4161	0	0	6089	6307	-1487	16599	0	16599	2863	19462	49.98
MUs	123.10	11.21	8.89	143.19	45.70	99.40	0.00	6.07	142.28	142.18	-34.44	402.10	0.00	402.10	69.60	471.71	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 15/Jun/2018

Position as on 6.30 Hrs of 16/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyana STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual 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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	coal shortage due to critical coal stock & lower coal receipts from 02-May-2018	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage (Available since 03.06.2018 16:00Hrs)	
MSPGCL	Khaparkheda Unit 1	210	02/06/2018	23.57		Continued.	Poor coal receipt.	
CPP	IEPL Unit 1	270	07/06/2018	00.00		Continued.	Coal Shortage	
IPP	Adani U-4	660	07/06/2018	12.06		Continued.	Due to APH-A Hot PA duct below leakage	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
MSPGCL	Bhusawal Unit 5	500	15/06/2018	10.14	15/06/2018	15.19	Air heater problem	

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

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2018

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							
Koradi-III - Tirora ckt-II	IntraState	02/06/2018	20.17		Continued.	T	Distance Protection,tower collapsed.
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	14/06/2018	18.29	16/06/2018	06.18	HT	Over Voltage
Dabhol New koyna I	InterState	16/06/2018	04.57	16/06/2018	06.30	T	Distance Protection
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Kalwa - Kharghar	IntraState	15/06/2018	04.12	15/06/2018	10.03	T	Insulator String Broken at Kalwa end
New Koyna -Koyna Stage IV-I	IntraState	15/06/2018	08.01	15/06/2018	17.07	T	LA Burst R-Phase At New Koyna End.
Main Bus @ Taptitanda	IntraState	15/06/2018	11.20	15/06/2018	13.51	PO	Quarterly Maintenance Work
Deepnagar Waluj 1	IntraState	15/06/2018	12.18	15/06/2018	19.58	PO	Tightening of Tower Accessories.
Khadka-Aurangabad (Waluj)	IntraState	15/06/2018	20.10	16/06/2018	06.33	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	15/06/2018	23.50		Continued.	EO	Taken on TBC To Attend Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	15/06/2018	09.12	15/06/2018	18.57	PO	Replacement Of Rotary Mechanism.
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 - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Pusad - Hingoli	IntraState	11/06/2018	04.00	15/06/2018	10.51	HT	Over Voltage
Trombay Dharavi 6	IntraState	15/06/2018	01.06	15/06/2018	06.55	EO	Attending Hot Spot
Bombay Dyeing - Sahara	IntraState	15/06/2018	02.17	15/06/2018	21.42	T	Distance Protection
TPC Borivali Aarey Line 1	IntraState	15/06/2018	05.07	15/06/2018	08.40	PO	Metro Work (Safety Purpose)
Ambazari-Kalmeshwar	IntraState	15/06/2018	09.09	15/06/2018	14.11	PO	Measurement Of Stackwise IR Values Of LA.
Lonand-Baramati	IntraState	15/06/2018	10.38	15/06/2018	17.55	PO	Tightening of loose jumpers
Sawantwadi-Bidri	IntraState	15/06/2018	10.45	15/06/2018	16.20	EO	Attending Hot Spot

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 15/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 16/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandalgaon - Sona Alloys	IntraState	15/06/2018	11.45	15/06/2018	19.05	PO	Damage conductor work
Ghatghar - Jindal	IntraState	15/06/2018	11.50	15/06/2018	14.25	PO	Jumper Replacement.
Gorai MSETCL Borivali Line-2	IntraState	15/06/2018	15.10	15/06/2018	18.30	PO	Isolator Stuck Up.
Waluj - Chitegaon li	IntraState	15/06/2018	22.43		Continued.	T	Distance Protection, R-Face Conductor Snapped.
Sonkhar - Trombay	IntraState	16/06/2018	06.30		Continued.	PO	Conductor Replacement Work.
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(repaired and ready for commissioning)
220/33kv 100 MVA Transformer 4 @Versova R/S	IntraState	15/06/2018	07.14	15/06/2018	09.01	PO	Pre-Monsoon Maintenance Work.
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	15/06/2018	10.50		Continued.	T	OSR/DGA Values Of OLTC Oil Shows Content Of Fault Gases.
220/100 Kv 200 MVA ICT IV @Apta	IntraState	15/06/2018	12.40	15/06/2018	16.04	PO	Differential Relay Replacement Work.

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