

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.379	807.067	1) Gujrat	-9.684	-57.953
2) Hydro	15.133	69.435	2) Madhya Pradesh	5.077	33.012
3) Gas	5.466	33.137	3) Chattisgarh	3.680	22.580
Total MSPGCL	147.978	909.639	4) Maharashtra	153.794	952.083
B) 1) APLM	50.396	295.956	5) Goa (Amona)	-1.409	-7.200
2) JSWEL	14.291	85.766	Total	151.458	942.522
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.632	200.883
4) RPL(AMT)	18.564	107.653	b) Mumbai Drawl	36.755	218.460
5) SWPGPL	6.662	44.737	c) MSEDCL Bilateral *	69.834	471.830
6) Other IPP	7.466	46.239	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.811	199.088
C) 1) TPCL Thermal	5.430	52.417	Include PX	0.000	0.000
2) TPCL Hydro	4.929	15.860	Standby	0.821	1.795
3) TPCL Gas	1.883	6.294	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.738	62.102	1) MSEDCL	399.007	2448.542
D) STATE			2) Mumbai Discoms	59.735	355.134
1) Thermal	240.926	1501.937	3) Other Discoms	9.055	53.570
(A1+C1+C4+(B1-B6))			TOTAL STATE	467.797	2857.246
2) Hydro (A2+C2)	20.062	85.295			
3) Gas (A3+B7+C3)	7.349	39.431			
4) Wind	40.723	240.618			
6) SOLAR	7.279	47.442			
TOTAL STATE	316.339	1914.723			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5573	5227	5365	5427
MSPGCL Hydro	551	573	1775	277
MSPGCL Gas	257	255	139	256
MSPGCL Total Generation	6381	6055	7279	5960
Central Sector Receipt	7553	6855	6514	4878
WIND	1581	1654	1291	1683
CPP / IPP Thermal	3966	3556	4527	4197
CPP / IPP Gas	0	0	0	0
SOLAR	723	995	0	0
Exchange with Mumbai	-2110	-1994	-1535	-1029
MSEDCL DEMAND MET	17685	16742	17655	15397
Load Shedding	0	0	0	0
MSEDCL DEMAND	17685	16742	17655	15397
TPCL GENERATION	363	557	713	414
AEML GENERATION	341	427	485	383
MUMBAI DEMAND	2814	2978	2733	1826
OTHER DISCOM DEMAND	409	379	421	292
STATE DEMAND MET	20908	20099	20809	17515
STATE DEMAND	20908	20099	20809	17515
Frequency (Hz)	50.03	49.97	49.78	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 16.02 Hrs	49.54 Hz at 19.23 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 06/Jul/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.17	11.33	125	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	43.27	0	0
Unit 9	11.10	40.94	505	415
Unit 10	9.74	68.40	477	363
Total	23.02	163.93		
Bhusawal				
Unit 3	2.98	18.18	140	95
Unit 4	9.49	55.36	430	295
Unit 5	9.34	42.36	435	295
Total	21.82	115.90		
Parli				
Unit 6	5.20	30.52	250	150
Unit 7	4.40	26.01	238	119
Unit 8	0.00	0.00	0	0
Total	9.60	56.53		
Chandrapur				
Unit 3	2.67	15.40	117	75
Unit 4	2.75	17.29	127	97
Unit 5	7.27	44.59	320	265
Unit 6	4.12	39.85	260	0
Unit 7	0.00	0.00	0	0
Unit 8	9.24	60.98	435	300
Unit 9	9.48	59.84	449	321
Total	35.53	237.95		
Paras				
Unit 3	4.30	26.63	206	135
Unit 4	4.38	26.07	208	144
Total	8.68	52.70		
Khaparkheda				
Unit 1	2.48	18.50	135	60
Unit 2	2.73	19.08	125	105
Unit 3	3.67	22.82	160	135
Unit 4	0.00	0.00	0	0
Unit 5	9.18	59.77	451	270
Total	18.06	120.16		
Nasik				
Unit 3	3.81	22.53	182	122
Unit 4	3.46	20.53	160	127
Unit 5	3.40	16.84	173	110
Total	10.67	59.90		
Uran				
All Units	5.47	33.14	268	127
Total	5.47	33.14		
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)	0.20	0.69	24	0
Total	0.20	0.69		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.02	14.51	500	40
Stage 4	2.25	7.66	700	0
Stage 3	2.16	7.75	160	0
Total	7.42	29.92		
Hydro				
KDPH	0.00	0.65	0	0
VTRNA	0.76	4.30	61	0
TILLARI	0.72	1.66	58	0
BHIRA T.R.	0.46	1.35	80	0
SMLHY_PTN	5.56	30.87	251	210
GHATGHAR	0.00	0.00	0	0
Total	7.50	38.83		
Wind				
Total	40.72	240.62	0	0
Total	40.72	240.62		
CPP				
APML(Mus)	50.40	295.96	0	0
JSWEL(Mus)	14.29	85.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.56	107.65	0	0
SWPGPL-Mus	6.66	44.74	0	0
Other(Mus)	7.47	46.24	0	0
Total	97.38	580.35		
SOLAR				
Total	7.28	47.44	0	0
Total	7.28	47.44		
Tata				
Trombay 5	0.00	26.47	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.00	3.77	42	41
Trombay 7B	0.88	2.53	37	36
TATA Hydro	4.93	15.86	431	57
Trombay 8	5.43	25.94	233	213
Total	12.24	74.57		
AEML				
DTPS U-1&2	10.74	62.10	498	244
Total	10.74	62.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.38	807.07	MSPGCL Total	147.98	909.64
			MSPGCL Thml+Gas	132.84	840.20	Koyna 1,2 & 4 Total	5.26	22.17
			MSPGCL Hydro	15.13	69.44	State Total	316.34	1914.72

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Jul/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5339	293	265	5897	1941	4173	0	0	5007	4885	-999	15553	0	15553	2133	344	18030	49.99
2	5315	277	255	5847	1865	4118	0	0	4755	4979	-1003	15483	0	15483	1995	323	17801	50.01
3	5310	274	256	5840	1808	3897	0	0	5025	5264	-1047	15475	0	15475	1873	287	17635	50.01
4	5427	277	256	5960	1683	4197	0	0	5012	4878	-1029	15397	0	15397	1826	292	17515	50.01
5	5350	283	267	5900	1701	4023	0	0	5309	5491	-996	15828	0	15828	1810	291	17929	50.00
6	5259	279	258	5796	1691	3932	0	0	6342	6706	-1091	16706	0	16706	1928	328	18962	50.01
7	5321	278	258	5857	1698	4322	0	53	7186	7233	-1251	17537	0	17537	2091	375	20003	50.04
8	5353	325	268	5946	1561	4159	0	264	7518	7711	-1418	17819	0	17819	2263	404	20486	50.03
9	5529	412	256	6197	1660	4127	0	502	7248	7208	-1672	17622	0	17622	2548	399	20570	50.03
10	5573	551	257	6381	1581	3966	0	723	7267	7553	-2110	17685	0	17685	2814	409	20908	50.03
11	5438	605	266	6309	1623	3781	0	842	7547	7314	-2330	17136	0	17136	2966	403	20505	50.04
12	5223	578	257	6058	1657	3545	0	923	7731	7396	-2180	17009	0	17009	3046	390	20445	50.03
13	5227	573	255	6055	1654	3556	0	995	7155	6855	-1994	16742	0	16742	2978	379	20099	49.97
14	4927	530	255	5712	1802	3218	0	933	7106	6937	-1998	16214	0	16214	2854	390	19458	50.00
15	4738	667	265	5670	1960	3373	0	804	6600	7159	-1960	16607	0	16607	2855	400	19861	50.00
16	5083	558	262	5903	2093	3746	0	630	6452	6440	-1935	16470	0	16470	2842	407	19719	50.05
17	5091	520	257	5868	1940	3931	0	421	6266	6251	-1815	16198	0	16198	2808	397	19404	50.06
18	5193	509	240	5942	1746	4179	0	164	6234	6529	-1773	16370	0	16370	2779	417	19566	49.98
19	5230	1239	132	6601	1468	4488	0	26	6331	6487	-1666	16989	0	16989	2736	415	20140	49.99
20	5365	1775	139	7279	1291	4527	0	0	5620	6514	-1535	17655	0	17655	2733	421	20809	49.78
21	5492	1745	129	7366	1368	4546	0	0	5614	5914	-1427	17349	0	17349	2663	418	20430	49.93
22	5556	1285	143	6984	1507	4531	0	0	5283	5722	-1285	17047	0	17047	2523	412	19982	49.94
23	5537	829	143	6509	1639	4533	0	0	5210	5358	-1158	16497	0	16497	2391	384	19272	49.94
24	5503	470	127	6100	1786	4511	0	0	5119	4675	-1083	15620	0	15620	2280	369	18269	49.95
MUs	127.38	15.13	5.47	147.98	40.72	97.38	0.00	7.28	148.94	151.46	-36.75	399.01	0.00	399.01	59.74	9.05	467.80	49.99

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 06/Jul/2022

Position as on 6.30 Hrs of 07/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 4	210	05/06/2022	00:07		Continued.	Annual Overhaul	20/07/2022
MSPGCL	Koyna STG-IV Unit-2	250	13/06/2022	00:00	06/07/2022	16:00	Commissioning and installation of New TSLG governor	07/07/2022
IPP	RPL(AMT) U-5	270	15/06/2022	00:00		Continued.	Annual Overhaul	25/07/2022
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Parli Unit 8	250	25/06/2022	00:00		Continued.	Short overhauling	10/07/2022
IPP	Adani U-2	660	25/06/2022	04:18		Continued.	Stator Earth Fault (Converted into AOH from 00:00Hrs dt.01/07/2022.	22/07/2022
MSPGCL	Koradi Unit 8	660	04/07/2022	21:55		Continued.	Annual Overhaul	10/08/2022
FORCED OUTAGE								
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	22/10/2022
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	15/07/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	01/09/2022
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Turbine Gland steam temperature not maintained	18/07/2022
MSPGCL	Ghatghar Unit-2	125	18/06/2022	10:00		Continued.	for Hydraulic Intake Gate Work	07/07/2022
MSPGCL	Uran Unit B0	120	24/06/2022	06:28		Continued.	Excitation channel fault(Converted to Gas Shortage from 26-06-22)	
MSPGCL	Uran Unit 8	108	24/06/2022	15:33		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	07/07/2022
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vabration high	10/07/2022
IPP	SWPGPL U-1	135	04/07/2022	02:38		Continued.	PA Fan problem	08/07/2022
TPC-G	Trombay 5	500	05/07/2022	02:25	07/07/2022	08:54	condenser cooling water inlet line leakage	09/07/2022
MSPGCL	Koradi Unit 6	210	06/07/2022	04:52	06/07/2022	08:24	Flame Failure	06/07/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Jul/2022

Position as on 6.30 Hrs of 07/Jul/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	SWPGPL U-3	135	06/07/2022	04:59	06/07/2022	22:04	HP Turbine Leakage	08/07/2022
AEML	AEML Unit 2	250	06/07/2022	09:25	06/07/2022	11:25	Disturbance in Furnace	06/07/2022
MSPGCL	Chandrapur Unit 6	500	06/07/2022	14:15	06/07/2022	18:53	Flame Failure	
MSPGCL	Uran Unit 6	108	06/07/2022	17:51		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-1	250	06/07/2022	18:30		Continued.	Governor problem	16/07/2022
MSPGCL	Koyna Unit 4	70	07/07/2022	07:35		Continued.	Preventive Maintenance Work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
MAIN BAY (431) OF 167 MVA SPARE ICT @ KORADI II	IntraState	16/06/2022	11:23			PO	1) Premonsoon maintenance work& 2) Routine Bay Maintenance.
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	30/06/2022	07:24			HT	H/T FOR CONTROLLING LINE LOADING
KARAD - LONIKAND I	IntraState	06/07/2022	02:21	06/07/2022	06:47	HT	To control line loading of 400 KV Kolhapur Kolhapur PG
PARLI-SOLAPUR (LAMBOTI)	IntraState	06/07/2022	09:40	06/07/2022	17:27	PO	(1) Reactor B/U relay testing work. (2) Bay maintenance work.3) Line Hardware Tightening & Fitting Work
TBC @ CHAKAN	IntraState	06/07/2022	12:17	06/07/2022	17:55	PO	For New SCADA work and command trials
JEJURI- KOYNA STAGE-IV	IntraState	06/07/2022	21:03	07/07/2022	03:16	PO	Attending CB problem
KHADKA - BABLESHWAR	IntraState	07/07/2022	09:10			PO	Chemical Cleaning of Insulator string and Routine Line maintenance work, CT Tan D
400 KV ICT Outages/Trippings							
400kv Stn. TF No 3 @ C'pur GCR	IntraState	05/07/2022	10:37	06/07/2022	16:04	PO	1) Measurement of R, Y & B-ph CTs Tan delta & capacitance 2) Measurement of CB timing, CRM, DCRM. 3) Maintenance and alignment of Isolators
220 KV LINE Outages/Trippings							
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kv GCR-BBLR-2 line on 220kv TBC bay.
BHUGAON - WARDHA (PG)	IntraState	05/07/2022	19:23	06/07/2022	00:39	HT	H/T by WRLDC due to Over Drawal.
WALUJ - CHITEGAON II	IntraState	05/07/2022	19:50	06/07/2022	00:25	HT	H/T by WRLDC due to Over Drawal.
KARAD - NIGADE	IntraState	06/07/2022	09:40	06/07/2022	16:04	PO	For Relay Testing work
LONAND-BARAMATI	IntraState	06/07/2022	10:10	06/07/2022	19:01	PO	1. Relay testing work 2. Q.M work, 3. CB overhauling work 4. CT tan delta testing
VITA - KHANAPUR LINE	IntraState	06/07/2022	11:00	06/07/2022	16:29	PO	Replacement of distance relay of 220kv Vita-Khanapur line bay at 220kv Vita end and allied equipment maintenance work
BABLESHWAR -AHAMADNAGAR-I-JEUR TAP	IntraState	06/07/2022	11:02	06/07/2022	15:27	PO	CT Tan D, CB Timing DCRM
SOUTH SOLAPUR (KUMBHARI) - SOLAPUR (PG) CKT - 1	IntraState	06/07/2022	11:35	06/07/2022	17:27	PO	Outage is required for Quarterly Maintenance
NERLE - DASGAON	IntraState	06/07/2022	17:10	06/07/2022	18:45	EO	Attending Y Ph bus isolator hotspot work of Nerle (Panama) bay
URSE-CHINCHWAD	IntraState	06/07/2022	18:08	06/07/2022	20:53	EO	Urgent flashover string replacement found in A/R tripping
220 KV ICT Outages/Trippings							
220 / 110 / 22kv 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220/33kv 100 MVA TF 1 @ AAREY	IntraState	06/07/2022	03:54	06/07/2022	05:38	T	Tripped on feeder fault
220/132 KV 100 MVA ICT 1 @ BELWANDI	IntraState	06/07/2022	11:30	06/07/2022	15:27	PO	For Attending Hot Spot on Y-Ph LV Bushing (112 degrees). For precautionary checking of PRV micro switches

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2022

Statement-VII

Position as on 6.30 Hrs of 07/Jul/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
110 KV LINE Outages/Trippings							
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage