

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Jun/2024 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.884	3790.253	1) Gujrat	-5.046	-12.920
2) Hydro	8.308	214.181	2) Madhya Pradesh	-1.881	9.862
3) Gas	6.850	170.392	3) Chattisgarh	0.940	46.850
Total MSPGCL	175.042	4174.826	4) Maharashtra	168.099	4598.634
B) 1) APLM	61.482	1421.289	5) Goa (Amona)	-3.020	-49.426
2) JSWEL	21.150	565.144	Total	159.092	4593.000
3) VIPL	0.000	0.000	a) Mumbai Schedule	39.716	1055.330
4) RPL(AMT)	31.593	750.403	b) Mumbai Drawl	42.071	1118.556
5) SWPGPL	12.297	302.800	c) MSEDCL Bilateral *	81.545	2057.295
6) Other IPP	13.287	350.866	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	39.716	1055.277
C) 1) TPCL Thermal	12.754	317.006	Include PX	0.000	0.000
2) TPCL Hydro	5.934	133.157	Standby	0.000	0.053
3) TPCL Gas	4.127	102.136	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.927	218.256	1) MSEDCL	467.237	11734.843
D) STATE			2) Mumbai Discoms	75.813	1889.110
1) Thermal	323.374	7716.017	3) Other Discoms	11.504	288.878
(A1+C1+C4+(B1-B6))			TOTAL STATE	554.554	13912.831
2) Hydro	14.242	347.338			
(A2+C2)					
3) Gas	10.977	272.528			
(A3+B7+C3)					
4) Wind	30.946	598.158			
6) SOLAR	15.923	385.791			
TOTAL STATE	395.462	9319.832			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6060	6441	7015	6820
MSPGCL Hydro	182	170	1180	177
MSPGCL Gas	279	346	279	288
MSPGCL Total Generation	6521	6957	8474	7285
Central Sector Receipt	7822	7378	6415	5695
WIND	1185	1923	1713	928
CPP / IPP Thermal	4994	5123	6644	5927
CPP / IPP Gas	0	0	0	0
SOLAR	2035	992	0	0
Exchange with Mumbai	-2292	-2049	-1768	-1275
MSEDCL DEMAND MET	19758	19797	20967	18178
Load Shedding	0	0	0	0
MSEDCL DEMAND	19758	19797	20967	18178
TPCL GENERATION	874	1173	1153	641
AEML GENERATION	498	502	447	473
MUMBAI DEMAND	3664	3724	3368	2389
OTHER DISCOM DEMAND	507	527	511	382
STATE DEMAND MET	23929	24048	24846	20949
STATE DEMAND	23929	24048	24846	20949
Frequency (Hz)	49.98	49.99	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 18.06 Hrs	49.77 Hz at 22.20 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 25/Jun/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.32	104.39	184	172
Unit 8	13.79	340.03	605	530
Unit 9	12.53	303.88	558	461
Unit 10	12.78	316.92	555	515
Total	43.42	1065.22		
Bhusawal				
Unit 3	3.40	47.18	170	125
Unit 4	0.00	151.03	0	0
Unit 5	10.32	243.73	490	305
Total	13.72	441.95		
Parli				
Unit 6	3.73	41.33	203	132
Unit 7	3.94	56.50	194	144
Unit 8	4.04	47.43	221	144
Total	11.72	145.26		
Chandrapur				
Unit 3	3.53	79.19	168	128
Unit 4	3.54	88.30	163	128
Unit 5	8.66	184.06	440	280
Unit 6	7.87	154.11	385	270
Unit 7	8.87	225.03	470	284
Unit 8	8.87	204.06	392	280
Unit 9	10.79	229.31	500	287
Total	52.13	1164.06		
Paras				
Unit 3	4.45	115.40	215	148
Unit 4	0.26	29.67	152	0
Total	4.72	145.08		
Khaparkheda				
Unit 1	3.65	85.02	165	105
Unit 2	4.03	98.95	203	116
Unit 3	3.93	82.77	174	136
Unit 4	4.11	100.97	187	128
Unit 5	10.92	270.05	490	415
Total	26.65	637.76		
Nasik				
Unit 3	0.00	64.85	0	0
Unit 4	4.00	41.84	185	125
Unit 5	3.53	84.23	166	124
Total	7.52	190.92		
Uran				
All Units	6.85	170.39	346	269
Total	6.85	170.39		
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)	0.00	1.42	0	0
Total	0.00	1.42		
Koyna				
Stage 1-2	2.29	66.30	375	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.76	44.63	469	0
Stage 3	0.99	28.68	160	0
Total	5.04	139.61		
Hydro				
KDPH	0.00	2.96	0	0
VTRNA	0.74	18.04	60	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.45	3.65	40	0
SMLHY_PTN	1.82	43.97	78	74
GHATGHAR	0.26	5.95	125	0
Total	3.27	74.57		
Wind				
Total	30.95	598.16	0	0
Total	30.95	598.16		
CPP				
APML(Mus)	61.48	1421.29	0	0
JSWEL(Mus)	21.15	565.14	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.59	750.40	0	0
SWPGPL-Mus	12.30	302.80	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.95	139.33	268	192
Other(Mus)	1.40	77.78	0	0
JPL	5.94	133.75	262	232
Total	139.81	3390.50		
SOLAR				
Total	15.92	385.79	0	0
Total	15.92	385.79		
Tata				
Trombay 5	8.33	209.78	425	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	64.01	108	108
Trombay 7B	1.54	38.12	64	63
TATA Hydro	5.93	133.16	435	70
Trombay 8	4.42	107.23	231	132
Total	22.82	552.30		
AEML				
DTPS U-1&2	10.93	218.26	502	341
Total	10.93	218.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.88	3790.25	MSPGCL Total	175.04	4174.83
			MSPGCL Thml+Gas	166.73	3960.64	Koyna 1,2 & 4 Total	4.04	110.93
			MSPGCL Hydro	8.31	214.18	State Total	395.46	9319.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Jun/2024

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	*Transmission Constraint					
1	7095	187	287	7569	1181	6683	0	0	5946	5331	-1508	18811	0	0	18811	2932	445	22188	49.99
2	6757	193	287	7237	1113	6085	0	0	5798	5493	-1329	18180	0	0	18180	2687	419	21286	50.01
3	6692	306	287	7285	936	5752	0	0	6043	5972	-1355	18205	0	0	18205	2483	385	21073	49.96
4	6820	177	288	7285	928	5927	0	0	5857	5695	-1275	18178	0	0	18178	2389	382	20949	49.99
5	6903	175	289	7367	821	5749	0	0	6118	6082	-1288	18343	0	0	18343	2337	388	21068	49.99
6	7043	243	285	7571	851	6186	0	0	6442	6420	-1190	19422	0	0	19422	2383	416	22221	49.96
7	7128	439	290	7857	727	6382	0	146	6464	6554	-1261	19953	0	0	19953	2483	452	22888	49.99
8	6958	248	286	7492	780	6200	0	556	6704	6592	-1525	19616	0	0	19616	2664	480	22759	50.01
9	6537	155	285	6977	849	5591	0	1156	7237	7198	-1934	19306	0	0	19306	3007	531	22844	50.02
10	6540	157	280	6977	997	5357	0	1521	7555	7369	-2088	19605	0	0	19605	3343	528	23476	50.02
11	6094	164	272	6530	1078	5028	0	1939	7861	7787	-2257	19573	0	0	19573	3587	531	23692	49.99
12	6060	182	279	6521	1185	4994	0	2035	7798	7822	-2292	19758	0	0	19758	3664	507	23929	49.98
13	5799	115	270	6184	1287	4894	0	2041	7733	7461	-2276	19081	0	0	19081	3658	510	23248	49.99
14	5681	131	272	6084	1286	4869	0	1884	7701	7351	-2239	18726	0	0	18726	3613	509	22848	49.97
15	5817	240	269	6326	1618	4898	0	1769	7739	7414	-2241	19275	0	0	19275	3715	509	23499	49.92
16	6371	124	314	6809	1764	5064	0	1379	7530	7117	-2161	19467	0	0	19467	3813	505	23785	49.98
17	6441	170	346	6957	1923	5123	0	992	7373	7378	-2049	19797	0	0	19797	3724	527	24048	49.99
18	6746	218	272	7236	1967	5382	0	448	7221	7009	-1921	19594	0	0	19594	3609	527	23730	50.02
19	6949	281	276	7506	1874	6139	0	57	6956	6862	-1816	20106	0	0	20106	3425	516	24047	50.05
20	7015	1180	279	8474	1713	6644	0	0	6410	6415	-1768	20967	0	0	20967	3368	511	24846	50.03
21	7050	1075	282	8407	1583	6717	0	0	6251	6251	-1595	20860	0	0	20860	3288	502	24651	50.00
22	7108	777	284	8169	1512	6704	0	0	6272	5995	-1589	20287	0	0	20287	3195	505	23986	49.94
23	7155	766	285	8206	1464	6690	0	0	6072	5883	-1545	20222	0	0	20222	3202	475	23900	49.90
24	7125	605	286	8016	1509	6753	0	0	6050	5641	-1569	19905	0	0	19905	3244	445	23594	50.00
MUs	159.88	8.31	6.85	175.04	30.95	139.81	0.00	15.92	163.13	159.09	-42.07	467.24	0.00	0.00	467.24	75.81	11.50	554.55	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.

*Load Shedding due to Transmission Constraint :-

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jun/2024

Position as on 6.30 Hrs of 26/Jun/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL								
MSPGCL	Koyna Unit 2	70	15/06/2024	07:10		Continued.	Govrner renovation	10/07/2024
MSPGCL	Bhusawal Unit 4	500	16/06/2024	00:00		Continued.	Annual Overhaul	06/07/2024
MSPGCL	Koyna Unit 9	80	20/06/2024	18:00		Continued.	For laying of Optical fiber cable from powerhouse to switchyard on overhead 220 KV EHV line	26/06/2024
MSPGCL	Koyna Unit 10	80	20/06/2024	18:00		Continued.	For laying of Optical fiber cable from powerhouse to switchyard on overhead 220 KV EHV line	26/06/2024
MSPGCL	Paras Unit 4	250	24/06/2024	11:00	25/06/2024	21:40	For 6.6/220KV,315MVA GT2 Bay Y phase CT replacement work	26/06/2024
Total Capacity MSPGCL		980						
Total Capacity PLANNED OUTAGE		980						
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Ghatghar Unit-2	125	26/05/2024	13:17		Continued.	Stator Earth Fault	26/07/2024
Total Capacity MSPGCL		245						
CENT.SECTOR								
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.	30/12/2024
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.	30/11/2024
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		565						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 5	108	17/06/2024	21:44		Continued.	Zero Schedule given by MSEDCL	
MSPGCL	Uran Unit 6	108	24/06/2024	20:30	25/06/2024	15:23	Due to Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 6	108	25/06/2024	17:00		Continued.	Zero Schedule given by MSEDCL	
Total Capacity MSPGCL		324						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		324						
UNIT OUT ON TOLLING *								

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Jun/2024

Position as on 6.30 Hrs of 26/Jun/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL								
MSPGCL	Nasik Unit 3	210	19/06/2024	17:30		Continued.	Case IV Tolling	
Total Capacity MSPGCL		210						
Total Capacity UNIT OUT ON TOLLING *		210						
FORCED OUTAGE DUE TO NO PPA								
IPP								
IPP	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(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)	
Total Capacity IPP		988						
Total Capacity FORCED OUTAGE DUE TO NO PPA		988						

* Other generator generating power instead of contracted genertaor with tri-party agreement in between generatos & discom (Case-IV bidding)

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2024

Statement-VII

Position as on 6.30 Hrs of 26/Jun/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (709) OF AKOLA CKT - 1 @ KORADI 3	IntraState	25/06/2024	10:16	25/06/2024	17:10	PO	Annual Maintenance of CB & CT at Koradi-III SS.
500 KV TBC Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	26/06/2024	02:21	26/06/2024	04:22	EO	To attend the Hotspot & to attend oil leakage from 245 KV CT.
400 KV LINE Outages/Trippings							
CHAKAN - TALEGAON(PG)	InterState	25/06/2024	20:25	26/06/2024	01:39	HT	For attending HOTSPOT at Talegaon PG end.
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVAR bus reactor by new 125 MVAR bus reactor.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
CHANDRAPUR 2 - WARORA CKT-2	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	23/06/2024	19:11			HT	H/T For load Management.
MAIN BUS - 2 @ TALANDGE	IntraState	24/06/2024	14:00			PO	Insulator cleaning work. 400kV PG Isolator alignment and maintenance work.
NAGOTHANE - DABHOL CKT - 2	IntraState	25/06/2024	17:12	25/06/2024	19:44	HT	For synchronisation of GT UNIT.
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
400/132 KV 200 MVA ICT - 2 @ KHADKA	IntraState	03/06/2024	23:26			T	Differential protection
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	25/06/2024	09:00	25/06/2024	17:53	PO	1) Measurement Winding/Bushing tandelta & Capacitance of ICT-1 2) Premonsoon maintenance work. 3) Bay routine maintenance work.
400/220/33 KV 315MVA ICT - 2 @ BABHALESHWAR	IntraState	25/06/2024	10:07	25/06/2024	18:32	PO	For construction of fire wall between ICT II and Reactor II bay at 400 kV RS Babhaleshwar. The half fire wall has been constructed however due to induction the later half work is pending.
400/220/33 KV 500MVA ICT - 1 @ KHAPARKHEDA	IntraState	26/06/2024	06:44			PO	for shifting of LV side (220kV) from bus 1 to bus 2 in view of black start mock drill
400/220/20 KV 300 MVA ICT - 1 @ KORADI	IntraState	26/06/2024	06:54			PO	for shifting of LV side (220kV) from bus 1 to bus 2 in view of black start mock drill
220 KV MAINBAY Outages/Trippings							
220KV BUS SECTION BAY @ PEDAMBE	IntraState	03/04/2024	15:55			T	Tripped due to Y ph CT burst
220 KV LINE Outages/Trippings							
BALE - SOLAPUR (PG)	InterState	19/06/2024	08:56			PO	1) Outage is required for Project work for Balance foundation, erection & stringing work of 220 kV Bale-PGCIL M/C portion (From Loc No 17A-37 A) 2) 220 kV Bale-PGCIL arrangement will be changed from 220 kV PG-Dharashiv (Osmanabad). (Bunching arrangement at Loc. No. 37)
MAIN BUS - 1 @ GORAI	IntraState	28/05/2024	17:59			T	Bus Fault

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2024

Statement-VII

Position as on 6.30 Hrs of 26/Jun/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
NTT - KALWA	IntraState	05/06/2024	00:20			PO	For carrying out the cable end termination work at Gigaplex for work of GIS s/stn of M/s Gigaplex s/stn (PGD) and opportunity outage for cable cutting work for work of 220kV GIS S/tn M/s NTT Global DC NAV2 Pvt Ltd.
TOPWORTH - KHANDESHWAR	IntraState	15/06/2024	14:24			PO	Making LILO of 220kV Khandeshwar - Topwarth line & 220kV Khandeshwar Panvel TSS line and commissioning of 220/33kV Timber Market GIS, Panvel
PANVEL TSS - KHANDESHWAR	IntraState	15/06/2024	14:30			PO	Making LILO of 220kV Khandeahwar Topwarth line & 220kV Khandeshwar - Panvel TSS line and commissioing of 220/33kV Timber Market GIS, Panvel
OSMANABAD - SOLAPUR (BALE)	IntraState	19/06/2024	09:15			PO	1) Outage is required for Project work for Balance foundation, erection & stringing work of 220 kV Bale-PGCIL M/C portion (From Loc No 17A-37 A) 2) 220 kV Bale-PGCIL arrangement will be changed from 220 kV PG-Dharashiv (Osmanabad). (Bunching arrangement at Loc. No. 37)
KARAD - OGALEWADI CKT 2	IntraState	24/06/2024	08:24			PO	For Distance Relay Retrofitting and Relay Panel rewiring work.
KARAD - VITA CKT- 2	IntraState	25/06/2024	03:38	25/06/2024	15:57	PO	Insulator string replacement at various locations under scheme
BORIVALI - TARAPUR	IntraState	25/06/2024	05:27	25/06/2024	08:34	EO	Replacement of Insulator Disc Broken at Loc No.13 DSN R-Ph which is found Ground patrolling.
OSMANABAD - BARSHI	IntraState	25/06/2024	09:31	25/06/2024	17:44	PO	Outage is required for Replacement of R, Y & B phase LA's under LE scheme.
BHIGWAN-BARAMATI AGRO	IntraState	25/06/2024	10:32	25/06/2024	22:15	PO	Replacement of Distance relay of 220KV Baramati agro bay at 220kv Bhigwan sstn end and diagnostic testing work at 220KV Baramati agro sstn end
VITA - KHANAPUR LINE	IntraState	25/06/2024	10:38	25/06/2024	15:57	PO	Insulator string replacement at various locations under scheme
KANDALGAON - BHIRA	IntraState	25/06/2024	11:56	26/06/2024	01:51	T	Tripped on Backup Protection.
220 KV TADALI - CHANDRAPUR 2 (400 KV) CKT	IntraState	25/06/2024	12:17	25/06/2024	13:19	PO	For disconnection of BCPU relay for repair
POPHALI - KDPH	IntraState	25/06/2024	17:40	25/06/2024	19:00	T	Line tripped on distance protection.
220 KV ICT Outages/Trippings							
220/33kV 125 MVA TF 2 @ GORAI	IntraState	28/05/2024	17:59			T	Bus Fault
220/33 KV 50MVA T/F - 2 @ MIRAJ	IntraState	21/06/2024	07:02	25/06/2024	16:58	PO	Replacement of 220/33kV 50MVA T/F-2 Apex Make by 220/33kV 50MVA ABB Amke T/F
220/132KV 100MVA ICT-2 @ WALCHANDNAGAR	IntraState	21/06/2024	12:50			PO	Augmentation of 100 MVA ICT-02 with 200 MVA ICT
220/100 KV 200 MVA ICT 2 @ KALWA	IntraState	25/06/2024	09:52	25/06/2024	13:01	PO	CTR Servicing & Maintenance.
220/100 KV 100 MVA ICT 1 @ TALOJA	IntraState	25/06/2024	20:25	26/06/2024	00:22	T	Tripped due to CB problem

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