

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.678	163.678	1) Gujrat	-5.648	-5.648
2) Hydro	14.221	14.221	2) Madhya Pradesh	3.950	3.950
3) Gas	3.133	3.133	3) Chattisgarh	2.380	2.380
Total MSPGCL	181.032	181.032	4) Maharashtra	184.387	184.387
B) 1) APMIL	69.341	69.341	5) Goa (Amona)	-1.283	-1.283
2) JSWEL	16.999	16.999	Total	183.786	183.786
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.156	36.156
4) RPL(AMT)	20.576	20.576	b) Mumbai Drawl	41.133	41.133
5) SWPGPL	9.390	9.390	c) MSEDCL Bilateral *	78.895	78.895
6) Other IPP	15.844	15.844	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.120	36.120
C) 1) TPCL Thermal	15.014	15.014	Include PX	0.000	0.000
2) TPCL Hydro	5.048	5.048	Standby	0.036	0.036
3) TPCL Gas	0.000	0.000	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.580	11.580	1) MSEDCL	479.444	479.444
D) STATE			2) Mumbai Discoms	72.775	72.775
1) Thermal	322.422	322.422	3) Other Discoms	9.603	9.603
(A1+C1+C4+(B1-B6))			TOTAL STATE	561.822	561.822
2) Hydro (A2+C2)	19.269	19.269			
3) Gas (A3+B7+C3)	3.133	3.133			
4) Wind	23.899	23.899			
6) SOLAR	9.313	9.313			
TOTAL STATE	378.036	378.036			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6957	6646	6668	7091
MSPGCL Hydro	566	1012	990	312
MSPGCL Gas	124	134	134	128
MSPGCL Total Generation	7646	7792	7792	7530
Central Sector Receipt	8561	9112	6848	6963
WIND	546	495	1175	1321
CPP / IPP Thermal	5433	5527	6108	5197
CPP / IPP Gas	0	0	0	0
SOLAR	1255	1154	0	0
Exchange with Mumbai	-2290	-2136	-1515	-1307
MSEDCL DEMAND MET	20719	21508	19969	19373
Load Shedding	0	0	0	0
MSEDCL DEMAND	20719	21508	19969	19373
TPCL GENERATION	760	833	1087	650
AEML GENERATION	446	478	500	501
MUMBAI DEMAND	3496	3447	3102	2458
OTHER DISCOM DEMAND	432	435	438	332
STATE DEMAND MET	24647	25390	23510	22162
STATE DEMAND	24647	25390	23510	22162
Frequency (Hz)	50.01	49.94	49.91	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.13 Hz at 18.01 Hrs	49.75 Hz at 22.15 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 01/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.08	4.08	185	105
Unit 7	0.00	0.00	0	0
Unit 8	13.16	13.16	578	526
Unit 9	13.05	13.05	562	518
Unit 10	12.88	12.88	574	490
Total	43.18	43.18		
Bhusawal				
Unit 3	3.51	3.51	165	120
Unit 4	10.62	10.62	455	335
Unit 5	0.00	0.00	0	0
Total	14.14	14.14		
Parli				
Unit 6	5.13	5.13	250	151
Unit 7	4.72	4.72	238	151
Unit 8	3.18	3.18	142	125
Total	13.03	13.03		
Chandrapur				
Unit 3	1.80	1.80	139	0
Unit 4	3.25	3.25	139	120
Unit 5	8.82	8.82	375	295
Unit 6	9.36	9.36	415	318
Unit 7	8.40	8.40	371	304
Unit 8	10.92	10.92	469	440
Unit 9	10.43	10.43	443	404
Total	52.98	52.98		
Paras				
Unit 3	5.28	5.28	241	151
Unit 4	2.55	2.55	222	0
Total	7.83	7.83		
Khaparkheda				
Unit 1	3.38	3.38	150	125
Unit 2	3.64	3.64	155	145
Unit 3	4.25	4.25	184	165
Unit 4	3.30	3.30	150	118
Unit 5	11.31	11.31	475	455
Total	25.88	25.88		
Nasik				
Unit 3	3.57	3.57	179	121
Unit 4	0.00	0.00	0	0
Unit 5	3.08	3.08	158	114
Total	6.65	6.65		
Uran				
All Units	3.13	3.13	138	124
Total	3.13	3.13		
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)	0.26	0.26	22	0
Total	0.26	0.26		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.30	3.30	465	40
Stage 4	2.16	2.16	484	0
Stage 3	2.07	2.07	240	0
Total	7.54	7.54		
Hydro				
KDPH	0.54	0.54	23	23
VTRNA	0.00	0.00	0	0
TILLARI	0.54	0.54	58	0
BHIRA T.R.	0.33	0.33	80	0
SMLHY_PTN	5.00	5.00	216	191
GHATGHAR	0.00	0.00	0	0
Total	6.42	6.42		
Wind				
Total	23.90	23.90	0	0
Total	23.90	23.90		
CPP				
APML(Mus)	69.34	69.34	0	0
JSWEL(Mus)	17.00	17.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	20.58	20.58	0	0
SWPGPL-Mus	9.39	9.39	0	0
Other(Mus)	15.84	15.84	0	0
Total	132.15	132.15		
SOLAR				
Total	9.31	9.31	0	0
Total	9.31	9.31		
Tata				
Trombay 5	9.70	9.70	452	273
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
TATA Hydro	5.05	5.05	430	38
Trombay 8	5.31	5.31	222	216
Total	20.06	20.06		
AEML				
DTPS U-1&2	11.58	11.58	502	409
Total	11.58	11.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.68	163.68	MSPGCL Total	181.03	181.03
			MSPGCL Thml+Gas	166.81	166.81	Koyna 1,2 & 4 Total	5.47	5.47
			MSPGCL Hydro	14.22	14.22	State Total	378.04	378.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jun/2022

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	7180	948	127	8256	1051	5344	0	0	7555	7333	-1510	20124	0	20124	3038	350	23512	49.96
2	7193	540	137	7870	1257	5326	0	0	7392	7200	-1388	19926	0	19926	2856	340	23122	49.98
3	7166	408	128	7702	1274	5319	0	0	7072	7102	-1333	19755	0	19755	2670	310	22734	49.99
4	7126	356	137	7620	1302	5094	0	0	7511	7081	-1333	19450	0	19450	2533	314	22296	50.02
5	7091	312	128	7530	1321	5197	0	0	7430	6963	-1307	19373	0	19373	2458	332	22162	50.01
6	7090	294	138	7522	1246	5318	0	0	7379	7314	-1342	19705	0	19705	2452	354	22510	49.98
7	6965	296	138	7398	1191	5409	0	58	7421	7222	-1411	19475	0	19475	2439	392	22307	50.04
8	6932	285	126	7343	1292	5113	0	208	7230	7366	-1594	19333	0	19333	2536	395	22264	50.06
9	6401	318	135	6854	1051	4666	0	508	7645	8090	-1826	18923	0	18923	2825	421	22169	50.03
10	6502	500	125	7128	917	4820	0	826	8170	8565	-1948	19876	0	19876	3144	431	23451	50.00
11	6932	492	134	7558	707	5215	0	1097	8453	8387	-2195	20335	0	20335	3390	435	24160	50.01
12	6957	566	124	7646	546	5433	0	1255	9137	8561	-2290	20719	0	20719	3496	432	24647	50.01
13	6857	652	134	7644	596	5550	0	1325	9038	8590	-2228	21051	0	21051	3494	425	24970	50.00
14	6781	642	124	7547	451	5445	0	1228	8802	8712	-2133	20817	0	20817	3399	433	24649	50.00
15	6646	1012	134	7792	495	5527	0	1154	8923	9112	-2136	21508	0	21508	3447	435	25390	49.94
16	6665	1270	124	8058	510	5788	0	843	8894	8602	-2029	21346	0	21346	3466	427	25239	50.01
17	6645	954	124	7722	659	5633	0	553	8666	8562	-1933	20760	0	20760	3417	436	24613	50.01
18	6534	595	134	7263	782	5473	0	221	8550	8309	-1969	19639	0	19639	3304	441	23384	50.03
19	6536	948	125	7610	854	5552	0	38	7508	7229	-1716	19121	0	19121	3138	445	22705	49.98
20	6668	990	134	7792	1175	6108	0	0	6983	6848	-1515	19969	0	19969	3102	438	23510	49.91
21	6727	450	125	7302	1228	6182	0	0	6803	6635	-1504	19418	0	19418	3034	425	22877	50.01
22	6648	394	134	7176	1186	6155	0	0	6824	6488	-1438	19157	0	19157	2983	410	22550	49.91
23	6749	331	127	7207	1321	6245	0	0	6893	6884	-1484	19774	0	19774	3029	398	23202	49.87
24	6687	665	137	7489	1487	6238	0	0	7029	6630	-1571	19890	0	19890	3125	383	23398	49.90
MUs	163.68	14.22	3.13	181.03	23.90	132.15	0.00	9.31	187.31	183.79	-41.13	479.44	0.00	479.44	72.77	9.60	561.82	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 01/Jun/2022

Position as on 6.30 Hrs of 02/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	
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	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Uran Unit 8	108	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
IPP	Adani U-3	660	27/05/2022	16:13	01/06/2022	03:11	APH-A HOT PA BELOW LEAKAGE.	01/06/2022
MSPGCL	Uran Unit 6	108	29/05/2022	00:32		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	29/05/2022	04:57		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	29/05/2022	05:26		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	30/05/2022	23:20	01/06/2022	16:30	CW LINE BELWO LEKAGE.	01/06/2022
MSPGCL	Bhusawal Unit 5	500	30/05/2022	23:55		Continued.	Boiler Tube Leakage	03/06/2022
IPP	RPL(AMT) U-4	270	31/05/2022	01:15		Continued.	Ash Conveyer problem	01/06/2022
MSPGCL	Nasik Unit 4	210	31/05/2022	15:00		Continued.	ID Fan Problem	02/06/2022
MSPGCL	Chandrapur Unit 3	210	01/06/2022	13:54		Continued.	Withdrawn	
MSPGCL	Paras Unit 4	250	01/06/2022	14:32	02/06/2022	05:20	CLINKER FORMATION. Synchronised now	02/06/2022
MSPGCL	Nasik Unit 5	210	02/06/2022	03:30		Continued.	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	30/05/2022	15:15			HT	H/T for Load Management ie. to avoid the dumping of power in 400 kV Kharghar and Kalwa Lines.
NEW KOYNA - DABHOL CKT - 1	IntraState	01/06/2022	08:46	01/06/2022	17:58	PO	Cold washing work, Diagnostic testing & Relay testing work & Routine maint. Work
JAIGAD - KARAD CKT - 1	IntraState	01/06/2022	09:01	01/06/2022	20:25	PO	Coldline washing work
BABHALESHWAR - PADGHE CKT-1	IntraState	02/06/2022	01:56	02/06/2022	06:51	EO	A] HVDC TL O&M Sub-Division, Junnar:- 1. For Replacement of Flashover Y-phase Insulator String at Location No. 863. 2. Cleaning of dust contaminated insulator string from location no.862 to 865 in Naneghat Area.
400 KV ICT Outages/Trippings							
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	01/06/2022	05:07	01/06/2022	14:33	PO	Premonsoon Maintenance work & oil top up work of OLTC Tank.
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	01/06/2022	08:59	01/06/2022	20:19	PO	1) Premonsoon maintenance work. 2) Measurement of bushing tandelta 3) Maintenance and alignments of PG-1 and PG-2 Isolators.
400/220/33 KV 500 MVA ICT - 3 @ DHULE	IntraState	01/06/2022	17:04	01/06/2022	19:38	PO	Annual Maint & testing work
400 KV BR Outages/Trippings							
125MVar BUS REACTOR @ WARORA	IntraState	01/06/2022	08:40	01/06/2022	18:44	PO	Premonsoon Maintenance work. Routine maintenance and DCRM/CRM/CB Timings Testing works and isolater maintenance work .
220 KV TBC Outages/Trippings							
BUS SECTION BAY @ VSNL	IntraState	01/06/2022	09:43	01/06/2022	14:26	PO	Replacement of new 220kv Rph CT
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.
LOTEPARSHURAM- DASTURI LINE	IntraState	01/06/2022	04:37	01/06/2022	14:40	T	TRIPPED ON DP and Rains reported with heavy Winds and Lightening
PADGHE - WADA	IntraState	01/06/2022	06:27	01/06/2022	08:34	EO	For attending Hot spot at Loc no.85 (70 deg.C Y-ph Padgha side), 38 (64deg.C, Y-ph Wada
CHALISGAON -BABHALESHWAR	IntraState	01/06/2022	07:41	01/06/2022	17:19	PO	Replacement of damaged earthwire at T.L.No.291 to 306
VITTAL SUGAR CO GEN (VSSK) - KARKAMBH	IntraState	01/06/2022	13:45	01/06/2022	20:50	PO	Outage is required For removing Bunching of 220 kV Tembhurni - Malinagar - VSSKL - Karkamb bunching at TL 159
MALINAGAR - TEMBHURNI	IntraState	01/06/2022	14:01	01/06/2022	16:50	PO	Outage is required For removing Bunching of 220 kV Tembhurni - Malinagar - VSSKL - Karkamb bunching at TL 159
DAHANU - GHODBUNDER CKT - 1	IntraState	01/06/2022	16:40	01/06/2022	18:56	EO	Attending Hotspot (Temp. @ 62 deg) on R-Phase & B-Phase jumper connection @ tower no. LS -265.
TEMBHURNI - JEUR	IntraState	01/06/2022	17:21	01/06/2022	21:10	PO	Outage is required For Bunching work on 220 kV Jeur-Tembhurni at TL 171-172 of VSSKL
BUS SECTION BREAKER-3 @ TROMBAY	IntraState	01/06/2022	21:51	01/06/2022	22:04	EO	For raising SF6 gas pressure, breaker open required

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2022

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KALWA - COLOURCHEM	IntraState	01/06/2022	22:09	02/06/2022	06:00	PO	To carry out retrofitting of Relays at 220KV Colourchem & 400KV RS Kalwa.
TROMBAY DHARAVI - 6	IntraState	02/06/2022	03:48	02/06/2022	03:36	PO	For R/M of line and transfer bus GOD
TROMBAY MSETCL TIE - 2	IntraState	02/06/2022	03:53	02/06/2022	07:01	PO	Attending hotspot
APTA - TAMBATI	IntraState	02/06/2022	05:56			PO	CT secondary rusted box repairing work by agency.
TROMBAY SALSETTE LINE-2	IntraState	02/06/2022	07:05			PO	Emergency tree trimming work in span 51-52
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 dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	25/05/2022	10:38			PO	Transformer painting work
220/100 KV 200 MVA ICT 4 @ KALWA	IntraState	31/05/2022	10:35	01/06/2022	14:33	PO	220/100kV, 200 MVA ICT 4, Demonstration of kit for transformer winding resistance measurement.
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	01/06/2022	08:10	01/06/2022	16:19	PO	For replacement of MOG.
220/100 KV 200 MVA ICT 1	IntraState	01/06/2022	09:42	01/06/2022	14:40	PO	Pre-monsoon Activities of 100MVA, 220/100KV ICT-1
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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.

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