



STATE LOAD DESPATCH CENTRE, SHILLONG

HOURLY POWER FLOW OF MePDCL IN MW ON 09th June, 2022

HOUR	MePDCL Scheduled Drawal						MePDCL Actual			Demand met (MePDCL)						MePDCL Drawal Deviation (+ve means Overdraw)				
	NEEPCO	NHPC	OTPC	NTPC	URS Addl/Chain	Net Bilateral		MePGCL Generation	Net Availability	Drawal			Actual Drawal by OA Customers	Injection by CPP	Demand met (MePDCL)					
						Inter-Regional	Intrastate			Interstate	Intrastate	Net drawal			Byrnihat		Lunshiong	Umiam S/s load	Others	Total
1:00	67.1	0.0	35.3	0.0	0.0	-79.2	23.2	172.2	195.4	29.3	0.0	29.3	3.5	0.0	59.3	24.7	14.0	103.5	201.6	6.17
2:00	67.1	0.0	35.3	0.0	0.0	-79.2	23.2	169.7	192.9	15.1	0.0	15.1	3.2	0.0	57.1	24.9	13.1	89.7	184.8	-8.12
3:00	67.1	0.0	35.3	0.0	0.0	-79.2	23.2	169.6	192.8	17.2	0.0	17.2	3.8	0.0	58.5	23.0	13.4	92.0	186.8	-5.98
4:00	66.2	0.0	35.3	0.0	0.0	-79.2	22.3	164.1	186.4	-5.8	0.0	-5.8	4.8	0.0	43.8	24.4	8.6	81.6	158.3	-28.07
5:00	66.2	0.0	35.3	0.0	0.0	-64.7	36.8	133.1	169.9	34.0	0.0	34.0	4.7	0.0	57.2	25.0	14.4	70.5	167.2	-2.74
6:00	65.9	0.0	35.3	0.0	0.0	-64.7	36.5	169.1	205.7	20.7	0.0	20.7	5.9	0.0	41.9	26.1	15.8	106.1	189.8	-15.85
7:00	60.1	0.0	34.5	0.0	0.0	-64.7	29.8	204.6	234.4	38.6	0.0	38.6	6.5	0.0	57.9	26.4	15.9	143.0	243.2	8.72
8:00	59.2	0.0	34.5	0.0	0.0	-64.7	29.0	204.6	233.6	32.4	0.0	32.4	6.7	0.0	58.9	25.4	16.1	136.6	237.0	3.44
9:00	70.9	0.0	34.1	0.0	0.0	-64.7	40.2	203.8	244.0	32.5	0.0	32.5	5.2	0.0	59.2	25.6	17.3	136.2	236.3	-7.72
10:00	84.8	0.0	34.1	0.0	0.0	-64.7	54.1	185.8	239.9	45.3	0.0	45.3	2.8	0.0	58.4	21.8	18.9	132.1	231.1	-8.80
11:00	91.8	0.0	33.7	0.0	0.0	-64.7	60.7	164.3	225.0	59.4	0.0	59.4	2.9	0.0	61.8	18.8	18.1	128.0	223.7	-1.28
12:00	91.8	0.0	33.7	0.0	0.0	-64.7	60.7	162.3	223.0	56.1	0.0	56.1	3.1	0.0	55.5	25.0	17.6	120.2	218.5	-4.54
13:00	93.0	0.0	33.4	0.0	0.0	-64.7	61.7	146.0	207.7	55.6	0.0	55.6	1.6	0.0	50.3	24.9	14.9	111.6	201.6	-6.09
14:00	93.0	0.0	33.2	0.0	0.0	-64.7	61.5	160.6	222.0	53.6	0.0	53.6	1.2	0.0	57.0	25.2	13.4	118.4	214.1	-7.89
15:00	91.8	0.0	33.1	0.0	0.0	-64.7	60.2	160.6	220.8	63.1	0.0	63.1	1.5	0.0	59.6	25.1	12.8	126.2	223.7	2.91
16:00	93.0	0.0	33.9	0.0	0.0	-90.7	36.1	200.1	236.1	37.3	0.0	37.3	1.7	0.0	61.0	26.1	12.1	138.1	237.4	1.23
17:00	92.9	0.0	33.9	0.0	0.0	-84.7	42.1	204.6	246.6	34.2	0.0	34.2	4.4	0.0	58.3	28.2	14.3	137.9	238.8	-7.85
18:00	113.9	0.0	35.0	0.0	0.0	-84.7	64.2	204.6	268.7	52.7	0.0	52.7	3.6	0.0	60.4	28.8	12.3	155.7	257.2	-11.49
19:00	117.7	0.0	35.0	0.0	0.0	-64.7	88.0	210.6	298.6	81.0	0.0	81.0	5.8	0.0	64.7	28.2	16.4	182.3	291.6	-7.02
20:00	118.0	0.0	35.0	0.0	0.0	-64.7	88.3	204.1	292.3	81.7	0.0	81.7	3.9	0.0	64.3	28.1	13.0	180.4	285.8	-6.53
21:00	118.5	0.0	35.3	0.0	0.0	-64.7	89.2	204.2	293.4	61.6	0.0	61.6	5.1	0.0	63.0	27.9	15.0	159.9	265.8	-27.57
22:00	115.6	0.0	35.3	0.0	0.0	-79.2	71.7	204.2	275.9	38.8	0.0	38.8	2.9	0.0	63.2	26.7	13.5	139.6	243.0	-32.93
23:00	81.9	0.0	35.3	0.0	0.0	-109.2	8.0	220.2	228.2	5.8	0.0	5.8	1.6	0.0	57.7	24.6	12.4	131.2	226.0	-2.18
24:00	82.2	0.0	35.3	0.0	0.0	-129.2	-11.7	220.2	208.5	-13.0	0.0	-13.0	2.7	0.0	64.3	24.3	12.2	106.4	207.2	-1.29
Avg	86.2	0.0	34.6	0.0	0.0	-75.0	45.8	185.7	230.9	38.6	0.0	38.6	3.7	0.0	58.1	25.2	14.4	126.1	223.8	-7.14
Max	118.5	0.0	35.3	0.0	0.0	-129.2	89.2	220.21	298.6	81.7	0.0	81.7	6.7	0.0	64.7	28.8	18.9	182.3	291.6	-32.93

MePGCL Generation										NOTE:- POWERFLOW FIGURES ARE BASED FROM THE INTERSTATE POINTS, GROSS SSGS GENERATION AND STATION-WISE HV SIDE INJECTION POINTS. HENCE, IT INCLUDES STATION SERVICES OF ALL POWER STATIONS AND SUB-STATIONS INCLUDING TRANSFORMATION AND ENTIRE STATE TRANSMISSION LOSSES.
Average (MW)	Stg-I	Stg-II	Stg-III	Stg-IV	NUHEP	Sonapani	MLHEP	Lakroh	Total	185.73
Peak(MW)	35.00	18.50	28.00	30.00	40.00	1.21	84.00	0.00	220.21	
FY uptodate(MU)	22.89	12.17	22.39	28.95	31.21	1.01	110.28	0.00	228.90	

Water Level				Rainfall (mm)			
Reservoir	MDDL	FRL	Previous day 16hrs	Present 8hrs	Shillong	Today	Calendar Yr
Umiam(Ft)	3150.00	3220.00	3191.97	3192.30	Shillong	14.50	976.00
Concrete(Ft)	2205.00	2230.00	2227.40	2230.70	Umiam	27.00	860.90
Nongmahir(Ft)	2197.50	2205.00	2207.00	2204.80	Stage-III	21.59	536.22
Stage IV(M)	496.00	503.00	502.00	502.80	NUHEP Dam (M)	MDDL	FRL
MLHEP(M)	606.15	618.00	614.90	616.00		125.5	130.1
							128.25

Date (08:00Hrs)	Umiam Level (Ft)	Umiam Rainfall (mm)		Generation (MU)		Shillong Rainfall (mm)	
		8:00 AM	Calendar Yr	Today	FY	08:00	Calendar Yr
09-Jun-22	3191.57	42.80	833.90	4.46	228.90	17.60	961.50
09-Jun-21	3169.88	11.60	470.80	3.84	137.12	0.00	420.34
09-Jun-20	3201.96	0.00	1221.62	5.44	154.68	0.00	622.60
09-Jun-19	3171.19	8.80	739.40	4.41	146.91	7.90	289.00
10-Jun-22	3192.30	27.00	860.90			14.50	976.00
10-Jun-21	3169.85	13.80	484.60			5.80	426.14
10-Jun-20	3202.15	4.00	1225.62			0.00	622.60
10-Jun-19	3171.54	0.00	739.40			0.00	289.00

Remarks:

1	STOA Power transaction:-	Inter-state (Collective):	Buy:	(i) [DAM]: MPL RTC (Sch/Actual: 41.82/55.3MWh).
2	MeECL Bilateral /Collective transaction:-	STOA:	From:	No transaction on 09 th June, 2022
		Inter-Regional:	To:	(i) BYPL RTC (1655.02MWh).
		Intra-Regional:	Sale:	[RTM]: (i) KEIPL w.e.f. 15:00hrs to 18:00hrs (70.50MWh), (ii) APPCPL w.e.f. 22:00hrs to 24:00hrs (75.00MWh).
3	Shutdown of- (E-Emergency, S-SOCC, O-OCC)	(i) UPS: (a) U1 m/c since 00:00 hrs of 11.02.11.(E) (b) U2 & U4 machines since 14:20hrs of 30.09.2015 deposition of sand and mud inside the tunnel and penstock due to civil works of new umtru HEP (E). (c) U3 m/c since 10:40hrs of 12.06.2015(E). (ii) Unit-1 of Stage IV P/H w.e.f 19:20hrs of 02.08.2019 (E). (iii) 1.5MW Lakroh Mini hydel Power w.e.f 13:42hrs of 12.10.2021(E). (iv) Unit-4 of Stage-III P/S w.e.f. 20:00hrs of 04.04.2022 to 18:00hrs of 09.06.2022 (S). (v) 132kV Sumer - Kyrdemkulal D/C lines w.e.f 09:08 -13:15hrs (S). (vi) 132kv EPIP II - EPIP I line 1&2 w.e.f 10:42hrs-16:10hrs (S) (vii) Unit-2 of Stage-III P/S w.e.f.12:48hrs of 04.06.2022 (E). (viii) MLHEP U3 w.e.f 08:15hrs of 05.06.2022(E).		
4	Grid disturbance:-	i) At 04:00hrs due to tripping of Rongkhon - Ampati line affecting Ampati s/s. System restored at 04:33hrs. ii) At 04:47hrs due to tripping of 132kV Nangal-Rongkhon line affecting Rongkhon & Ampati . System restored at 04:54hrs. iii) At 06:06hrs due to tripping of Rongkhon - Ampati line affecting Ampati s/s. System restored at 06:08hrs.		
5	Gate Opening	Concrete:- (i) Gate No. 1 opened w.e.f 12:52hrs of 07.06.2022. Totally closed at 14:52hrs of 09.06.2022. MLHEP:- (i) Gate No. 5 opened w.e.f 23:00hrs of 08.06.2022. Gate No. 6 and Gate No.7 opened w.e.f 12:00hrs of 09.06.2022. Stage IV:- (i) Gate No. 3 opened w.e.f 19:00hrs of 08.06.2022.Totally closed at 16:18hrs of 09.06.2022. (ii) Gate No. 2 opened w.e.f 21:40hrs of 09.06.2022.		
6	BGTPP	(i) MePDCL was not availing the allocated share (11.65% of 3x250 MW) on daily basis since June 2015 . (ii) Allocated share from NTPC, BGTPP herewith surrendered and allocated to Tamil Nadu w.e.f 00:00hrs of 03.04.2022 as per 22-303/1/2022-OM dt. 28.03.2022 (iii) Unallocated share from NTPC, BGTPP herewith surrendered and allocated to Uttarhand w.e.f 00:00hrs of 25.04.2022 as per MoP letter no. 22-301/2/2022-OM dt. 24.04.2022		

