Office of the Member, Generation

onth:	September, 2018			-		Day:	Saturday				Date :	01.09.18	Tel: 9564667, 9551095	
	Probable Maximum Demand :	Probable Maximum Generation: 12674						MW						
Probable Maximum Demand : 10800 MW Water Level of Kaptai Lake at 06:00 AM Yesterday =					105.12 ft Today = 104.97 ft.						Rule Curve =	98.67	ft.	
l. No.	Name of Power Station Nos. of Uni				Installed	Derated/	31.08.18		01.09.18 (Today)		31.08.18	(Yesterday)	Status of Machin	
				Capacity (MW)	Capacity (MW)	Present Capacity	Actual Peak Generation (MW)		Probable Peak			ortfall for :	shut-down/ Mair	
					()	(MW)	Genera	uon (IVIVV)	Generation (MW)		Gas/water/Coal limitation	Machines shut down	Description/ Remarks	Prol star
							Day	Evening	Day	Evening	MW	(MW)	Docomptions itematic	d
(A)	Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas	(PDB)	1 x 55	55	40	37	37	37	37				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	37	37	37	37				
	c) Ghorasal ST:Unit-3	Gas	(PDB)	1 x 210	210	170	110	110	120	120	60		Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas	(PDB)	1 x 210 1 x 210	210 210	180 190	75	0 80	100	100	180		Gas Shortage	
2	(e) Ghorasal ST:Unit-5 Ghorasal CCPP:Unit-7	Gas Gas	(PDB) (PDB)	1x 254+1x 126	365	365	130	120	120	120	110		Gas Shortage	
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	82	84	84	84				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	60	71	70	72				
5	Tongi GT	Gas	(PDB)	1 x 105	105	105	0	0	0	0				
6	Horipur GT: Unit-1,2	Gas	(PDB)	2 x 32	64	40	20	0	0	0	40		Gas Shortage	
7	Horipur NEPC (HFO)	HFO	(IPP)	8x15	110	110	0	26	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	172	257	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	440	450	450	450				
10	Shiddirganj ST	Gas	(PDB)	1 x 210	210	115	0	0	100	100				
11	Horipur 412MW CCPP	Gas	(EGCB)	1x273+1x139	412	412	365	400	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	97	101	100	100				
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	210	218	217	217				
14	Siddirganj (Desh) Siddirganj (Dutch Bangla)	HSD HFO	(QRPP) (QRPP)	96x1.2 12x8.9	100	100	7	0 80	100 100	100				\vdash
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	0	0	305	305				L
18	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	7	100	92	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	15	81	81	81				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	10	100	100	100				<u> </u>
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	7	102	102	102				-
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90 6x3.67+7x8.73	22	22	22	22	22	22				-
24 25	Summit Power, (Madhabdi+Ashulia) Summit Power, Maona	Gas Gas	(SIPP, REB)	6x3.67+7x8.73 4x8.73	80 33	80 33	47 33	53 33	55 33	55 33				\vdash
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	41	33	43	43				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	48	114	149	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	20	40	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	18	54	54	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	32	238	300	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	50	141	150	150				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	100	100				
35	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	100	100				
36	Southern Power	HFO	(IPP)	3x19.3	55	55	17	36	55	55				
37	Northern 55 MW Bosila 108 MW (CLC)	HFO HFO	(IPP)	3x19.3 12x8.775+1x3.5	55 108	55 108	18 0	55 0	55 0	55 0				
30	Dhaka Zone Total	1110	(11.7)	12.0.77.5+12.5	6084	5848	2275	3361	4791	4801	390	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	204	197	204	204		·		
40	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	16	16	16	16				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	46	24	50	50				
43	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
44	Shikalbaha Peaking GT	HSD	(PDB)	1 x 150	150	150	60	100	100	135				
45 46	Sikalbaha 225 MW CCPP (Dual Fuel) Sikalbaha (Energis)	Gas HFO	(PDB) (RPP)	1 x 150+1 x 75 4x12.5+2x11.9+1x3+1x1.5	225 51	225 51	228 40	230 51	225 40	225 51				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	80	80	80	80				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	100	100	32	48	50	50				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	32	56	75	75				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			22	42	25	35				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	78	92	93	93				
	Chattogram Zone Total				1641	1561	857	955	977	1033	400	0		
52	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	90	100	100	100				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	100	100	100	100				<u> </u>
52	c) Ashugani ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	0	0	0	0				<u> </u>
53 54	Ashuganj Engines Ashuganj CCPP 225 MW	Gas	(APSCL)	14x3.968 1×142+1*75	53 221	45 221	43 176	43 175	43 225	43 225				\vdash
55	Ashuganj CCPP(South)	Gas	(APSCL)	1×142+1-75 1x360	360	360	301	300	360	360				
56	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	360	360	360	360				
57	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	5	5	5	5				
58	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	5	5	5				
59	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	68	68	78	78				
60	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	45	42	40	45				
61	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	85	85	85	85				
62	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	0	0	41				<u> </u>
63 64	Chandpur CCPP	Gas	(PDB) (SIPP, PDB)	1X106+1x57 8x2.90	163	163	60	100	100	100				-
	Feni (Doreen)	Gas		8x2.90 4x2.90	22	22 11	22 11	19 11	22 11	22 11				<u> </u>
65 66	Feni, Mohipal (Doreen) Jangalia (Summit)	Gas Gas	(SIPP, REB) (SIPP, PDB)	4x2.90 4x8.73	33	33	25	11 25	33	33				\vdash
67	Jangalia (Summit) Jangalia (Lakdanavi)	HFO	(SIPP, PDB) (IPP)	4x6.73 6x8.92	52	52	0	0	52	52				
68	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	21	21	20	20				\vdash
	Daudkandi 200 MW	HSD	(SIPP, REB) (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
			India		160	160	104	152	121	165	1			İ
	Tripura				2601	2541	1521	1611	1960	2050	0	0		
69	Tripura Cumilla Zone Total													
69		Gas	(IPP)	4x35+1x70	210	202	47	49	100	100	153	-	Gas Shortage	
69 ** 70	Cumilla Zone Total	Gas Gas	(IPP) (SIPP, PDB)	4x35+1x70 8x2.90					100 22	100 22			Gas Shortage	
69 **	Cumilla Zone Total RPCL CCPP				210	202	47	49				-	Gas Shortage	
70 71	Cumilla Zone Total RPCL CCPP Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	210 22	202 22	47 22	49 22	22	22			Gas Shortage	

SI. No.	Name of Pow	Nos. of Unit X Capacity (MW)		Derated/ Present Capacity (MW)	31.08.18 (Yesterday) Actual Peak Generation (MW) Day Evening		01.09.18 (Today) Probable Peak Generation (MW) Day Evening		31.08.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance			
										Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
75	F: 00DD 4	0	(DDD)	2x32+1x33	0.7	70	_	_				()		date
75 76	Fenchuganj CCPP-1 Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	97 104	70 90	0	57 0	60 30	60 60				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	0	47	42	47				
78	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	0	47	47	47				
						163								
79 80	Kushiara 163 MW CCPP Hobiganj (Confidence-EP)	Gas Gas	(IPP) (SIPP, REB)	1x109+1x54 4x2.90	163 11	11	163 11	163 11	163 11	163 11				
				4x2.90 2x35	70		60	46	66	66				
81 82	Shajibazar GT:Unit-8,9 Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110		66	318	302	300	300				
		Gas	(PDB)		330	330								
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	10	45	45	45				
85	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	0	97	130	130				
86	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	19	18	19	19				
87	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	45	49	48	49				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	10	9	9	9				
89	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	23	22	23	23				
90	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	315	265	300	341				
	Sylhet Zone Total		, ,		1594	1549	1060	1264	1379	1456	0	0		
91	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	48	Ť	·		
92	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	410	416	410	410				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	41	0	41				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	85	0	85				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	225				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	10	93	93	93				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	49	99	99	99				
98	Khulna (Aggreko) 55MW	HSD	(QRPP)	71x0.85	55	55	0	0	0	0			Contract expired	
99	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	96	95	95				
100	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	8	16	16				
**	Bheramara HVDC Interconnector	0	India	1	500	500	501	503	489	489				
	Khulna Zone Total			1	1783	1769	970	1341	1202	1601	0	0		
101	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	24		_ ·		
102	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	16	110	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	24	33	33	33				
104	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	146	146	146	146				
105	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	95	95	95	95				
	Barishal Zone Total				472	462	281	384	384	408	0	0		
106	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas	(PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	21.09.18
107	Baghabari Peaking	HFO	(PDB)	6x8.9		52	0	50	50	50		100	Officer Maintenance	21.03.10
					52									
108	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	42	40	42				
109	Amnura	HFO	(QRPP)	7x7.79	50	50	33	40	40	40				
110	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	90	100	100				
111	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	43	47	47				
112	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	43	50	50	50				
113	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	38	35	35	35				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	214	215	220	220				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	220	220	220	220				
	Sirajgonj Unit-3 225MW	Gas	(NWPGCL)	TATOO - TATO	LLU	LLU	0	0	0	0			On Test	
116		Gas	(RPP)	6x4.0	22	22	22	22	22	22			Oli Test	
117	Bogura (GBB)	Gas		5x3.3+5x2.0			10		10	10				
	Bogura (Engergyprima)		(RPP)		20	10		10						
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	51	49	42	51				
	Rajshahi Zone Total				1133	1123	639	877	887	898	71	100		
120	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
121	Barapukuria ST:Unit - 3	Coal	(PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	12	0	16			2ago	
123	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	10	0	19				
120	Rangpur Zone Total	1100	(· DD)	1 1 20	564	484	0	22	0	35	359	85		
	• • • • • • • • • • • • • • • • • • • •	4:												
	Sub-total: Plants in opera				16402	15859	7736	10142	11974	12674	1373	185		
Available	Power at Sub-station end excludi	ng P/S auxil	ary use and Tra	ansmission loss			7329	9609	11345	12008				
	Onesa Trifil				40100	45050	7700	40440	440=4	40074	4070	105	1	
	Gross Total				16402	15859	7736	10142	11974	12674	1373	185		
(D)	A - 4 1 1 4 4	24 00 40	(Va-1-	F										
(B)	Actual data of	31.08.18			:			-						
01.	Max. Demand (Generation end)				MW, at =	21:00 hrs	11.			oad-shed at Eve				
02.	Max. Demand (Sub-station end)			9609.00	MW, at=	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation er	nd)		: 10142.00	MW, at =	21:00 hrs	<u></u>	MW	MW	MW	<u></u>	MW	MW	MW
04.	Minimum Generation (Generation	end)		7215.00	MW, at =	9:00 hrs	Dhaka	3363	3363	0	Mymensingh	718	718	0
05.	Day-peak Generation (Generation			7735.60	MW, at =	12:00 hrs	Chattogram	975	975	0	Sylhet	453	453	0
06.	Evening-peak Generation (Genera			: 10142.00	MW, at =	21:00 hrs	Khulna	1307	1307	0	Barishal	252	252	0
07.	Evening-peak Generation (General Evening Peak Load-shed (Sub-sta			: 0.00	MW, at=	21:00 hrs		1049	1049	0	Rangpur	517	517	0
				. 0.00	www, dl=	ZI.UU NIS	Rajshahi							
08.	Generation shortfall at evening pea	ik due to :					Cumilla	975	975	0	Total	9609	9609	0
	a) Gas limitation			: 1014	MW		12.	Fuel cost :	(a) Gas =	101988935		(c) Coal =	0	Taka
	b) Low water level in Kaptai lake			: 0	MW				(b) Oil =	362188368	Taka	Total =	464177303	Taka
	c) Plants under shut down/ mainter	nance		: 185	MW		13.	Maximum Ten	nperature in D	haka was :	35.2° C			
				206.50	MKWh		14.			nterconnections :				
09.	Total Energy (Generation + India Is		MKWH	By Oil =		MKWh	1	At evening per		:	-780	MW, at	21:00 hrs	
09.	Total Energy (Generation + India II By Gas =	143.84					1							
09.	By Gas =				172						_8nn	M/M/ at	4.00 hrs	
	By Gas = By Coal =		MKWH	By Hydro =		MKWh		Maximum		:		MW, at	4:00 hrs	
09.	By Gas =		MKWH		4.73 MMCFD	MKWh		Energy		:	-800 9.8200	MW, at MKWh	4:00 hrs	
10.	By Gas = By Coal = Total Gas Supplied	0.00	MKWH	By Hydro = 1253.33		MKWh							4:00 hrs	
10. (C)	By Gas = By Coal =	0.00	MKWH (Today)	By Hydro = 1253.33 Saturday	MMCFD:		na na	Energy	d-shed	:	9.8200	MKWh		ation end)
10. (C) 01.	By Gas = By Coal = Total Gas Supplied Forecast of Maximum Demand	0.00 01.09.18 :	(Today) 10800	By Hydro = : 1253.33 Saturday MW	MMCFD: (Generation	end)	04.	Energy Maximum Loa		:	9.8200	MKWh MW	4:00 hrs At evening peak (Sub-sta	ation end)
10. (C) 01.	By Gas = By Coal =	0.00	MKWH (Today)	By Hydro = 1253.33 Saturday	MMCFD:	end)	04. 05. 06.	Energy	ion	:	9.8200	MKWh		ation end)

#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation