

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.			QUALITY FORMS		
	TITLE: DIALY LOG OF NATIONAL GRID (GENERATION)					
Document No: QF-LDC-01	Revision No.: 01	Effective Date: 11/11/12	Page: 1	of 1		

## পাওয়ার গ্রীড কোম্পানী অব বাংলাদেশ লিঃ

জাতীয় গ্রীডের প্রাথমিক লগ (উৎপাদন, মোঃওঃ)  
জাতীয় বিদ্যুৎ নিয়ন্ত্রণ কেন্দ্র, আফতাবনগর, ঢাকা /  
আঞ্চলিক বিদ্যুৎ নিয়ন্ত্রণ কেন্দ্র, .....।

তারিখ .....

বার .....

পালনা	প্রকৌশলীগণের সাক্ষর
২২:০০- ০৬:০০	
০৬:০০- ১৪:০০	
১৪:০০- ২২:০০	

ঘণ্টা	কাল্পাই ১,২,৩	৪,৫	.....	আর পি সি এল	পূর্ব গ্রীডের মোট উৎপাদন	খুলনা			.....	সম্মিলিত ডিজেল			পশ্চিম গ্রীডের মোট উৎপাদন	জাতীয় গ্রীডের মোট উৎপাদন	ঘণ্টা
০১-০০	১১০ মোঃওঃ	৬০ মোঃওঃ	১২০ মোঃওঃ	১২	১৩	১১	১২	১৩	১১	১২	১৩	১৪	১৫	১৬	১৭
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০২-০০															০২-০০
০৩-০০															০৩-০০
০৪-০০															০৪-০০
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০৬-০০															০৬-০০
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০৮-০০															০৮-০০
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২৩-০০															২৩-০০
২৪-০০															২৪-০০
মোট															
কিঃ ওঃ															
যঃ															
স্থাপনা															
বরফ															

Reviewed by (GMSO):

Approved by (Director O & M):

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.				QUALITY FORMS	
	TITLE: DIALY LOG OF NATIONAL GRID (MVAR GENERATION)					
Document No:	QF-LDC-02	Revision No.:	01	Effective Date:	11/11/12	
					Page:	1 of 1

## পাওয়ার গ্রীড কোম্পানী অব বাংলাদেশ লিঃ

জাতীয় বিদ্যুৎ নিয়ন্ত্রণ কেন্দ্র, আফতাবনগর, ঢাকা।  
মেশাভার উৎপাদন

প্রকৌশলীগণের সাক্ষর

পাল্লা	
২২:০০- ০৬:০০	
০৬:০০- ১৪:০০	
১৪:০০- ২২:০০	

তারিখ .....

বার .....

ঘন্টা	কাগুই		আর পি সি এল	খুলনা			সৈয়দপুর জিটি	মোট	ঘন্টা	কাগুই জমাথারে পানির উচ্চতা	
	১,২,৩	৪,৫		১১০ মেঃওঃ	৬০ মেঃওঃ	বার্জ ১,২	কে পি সি এল ১,৩				
০১-০০									০১-০০		
০২-০০									০২-০০		
০৩-০০									০৩-০০		
.....									.....		ফল কার্ড :
.....									.....		টেইল ওয়াটার :
.....									.....		
.....									.....		
১৫-০০									১৫-০০		
১৬-০০									১৬-০০		
১৭-০০									১৭-০০		
১৮-০০									১৮-০০		
১৮-৩০									১৮-৩০		
১৯-০০									১৯-০০		
১৯-৩০									১৯-৩০		
২০-০০									২০-০০		
২১-০০									২১-০০		
২২-০০									২২-০০		
২৩-০০									২৩-০০		
২৪-০০									২৪-০০		

Reviewed by (GMSO):

Approved by (Director O & M):





QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.						QUALITY FORMS			
	TITLE: DESCRIPTION OF THE GENERATION OF VARIOUS POWER STATIONS AT EVENING PEAK									
Form No.:	QF-LDC-05	Revision No.:	01	Effective Date:	11/11/12	Page:	2	of	2	

**POWER GRID COMPANY OF BANGLADESH LTD.**

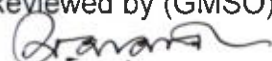
Description of the generation of various Power Stations at Evening Peak( Evening Report).

Demand(Generation End):		MW	Shortage:		MW
Generation:		MW	Load Shed:		MW
A. Generation:		MW			
B. Auxiliary use of P/S:		MW			
C. Transmission Loss:		MW			
D. Total Power usable at Grid S/S end(A-B-C):		MW			
Zones	Supply(S/S end) MW	Demand(S/S end) MW	Load Shed(S/S end) MW	Remarks	
Dhaka					
Chittagong					
Comilla					
Mymensing					
Sylhet					
Khulna					
Barisal					
Rajshahi					
Rangpur					
<b>Total</b>					

Deputy Manager  
Network Operation Division  
LDC, PGCB, Dhaka

Manager  
Network Operation Division  
LDC, PGCB, Dhaka

Reviewed by (GMSO):



Approved by (Director O & M):





Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: SHIFT DIARY								
Document No:	QF-LDC-06	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
NATIONAL LOAD DESPATCH CENTER, LDC, DHAKA

**SHIFT DIARY**

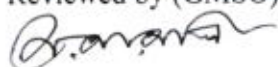
Name of Control room: .....

Shift : ..... ( From ..... Hr. to ..... Hr. )

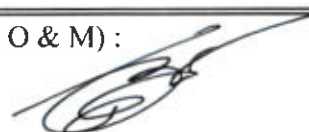
<b>Name &amp; Designation of personnel in duty</b>  1. .... 2. .... 3. .... 4. ....		
Time	Description of events	Comments
	Signature of Shift in Charge	

I. Shift in Charge will sign shift diary after completion of duty

Reviewed by (GMSO):



Approved by (Director O & M) :









Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Daily Report & Description of the Generation of various Power Stations								
Document No:	QF-LDC-08	Revision No.:	01	Effective Date:	11/11/2012	Page:	1	of	2

POWER GRID COMPANY OF BANGLADESH LTD.  
NATIONAL LOAD DESPATCH CENTER, LDC, DHAKA  
**DAILY REPORT**

Reporting Date : .....-20....

Till now the maximum generation is : - MW ..... at ..... Hr. on .....-20....			
The Summary of Yesterday's ( ..... ) Generation & Demand			
Day Peak Generation : .....	MW	Hour : .....	Min Gen. at .....Hr MW
Evening Peak Generation : .....	MW	Hour : .....	Max Generation .....Hr MW
E.P. Demand (at gen end) : .....	MW	Hour : .....	Max Demand .....Hr MW
Maximum Generation : .....	MW	Hour : .....	Shortage .....Hr MW
Total Gen. (MKWH) : .....	System L/ Factor : .....		% Load Shed .....Hr MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from Ghorasal to Ishurdi :- Maximum	MW	at ..... Hr.	Energy ..... KWHR.
Import from Ishurdi to Ghorasal:- Maximum	MW	at ..... Hr.	Energy ..... KWHR.

Water Level of Kaptai Lake at 6:00 A M of .....-20....

Actual : .....	Ft.(MSL),	Rule curve : .....	Ft.(MSL)
----------------	-----------	--------------------	----------

Gas Consumed (MMCFT) :		Oil Consumed :	
PDB	RPCL	PDB	SKO : .....
WMPL	Total		HSD : .....
RPCL			FO : .....
NEPC			
CDC (H+M)			
TOTAL			
Cost of the Consumed Fuel (PDB) :		Gas Tk.....	Oil : Tk.....
		Total : Tk.....	

**Load Shedding & Other Information**

Area	Yesterday	Estimated Demand(s/s end) MW	Today	Rates of Shedding (On Estimated Demand)
	Actual load shedding (s/s end) in the evening peak hour.		Estimated Shedding (s/s end) MW	
Dhaka area	.....	.....	.....	.....
Chittagong Area	.....	.....	.....	.....
Khulna Area	.....	.....	.....	.....
Rajshahi Area	.....	.....	.....	.....
Comilla Area	.....	.....	.....	.....
Mymensing Area	.....	.....	.....	.....
Sylhet Area	.....	.....	.....	.....
Barisal Area	.....	.....	.....	.....
Rangpur Area	.....	.....	.....	.....
Total	(.....)			

**Information of the Generating machines under maintenance**

Planned Shut- Down	Forced Shut- Down

**Additional Information of Machines, lines, Interruption / Forced Load shed etc.**

Description	Forced load shaded / Interrupted Areas

Deputy Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle

Reviewed by(GMSO):

Approved by(Director O & M)

Quality Management	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS		
	TITLE: Daily Report & Description of the Generation of various Power Stations							
Document No:	QF-LDC-08	Revision No.:	01	Effective Date:	11/11/2012	Page:	2	of 2

**Description of the generation of various Power Stations**

Date :

Name of Power Stations	Unit	Producer	Present Generation Capacity	Peak Hour Generation	Energy Generated	Remarks
<i>Dhaka Area Total</i>						
<i>Chittagong Area Total</i>						
<i>Comilla Area Total</i>						
<i>Mymensing Area Total</i>						
<i>Sylhet Area Total</i>						
<i>Khulna Area Total</i>						
<i>Barisal Area Total</i>						
<i>Rajshahi Area Total</i>						
<i>Rangpur Area Total</i>						
<i>Eastern Grid Total</i>						
<i>Western Grid Total</i>						
<i>National Grid Total</i>						

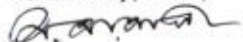
\* Data collected from respective power station over telephone.

Deputy Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle

Reviewed by(GMSO):



Approved by(Director O & M)





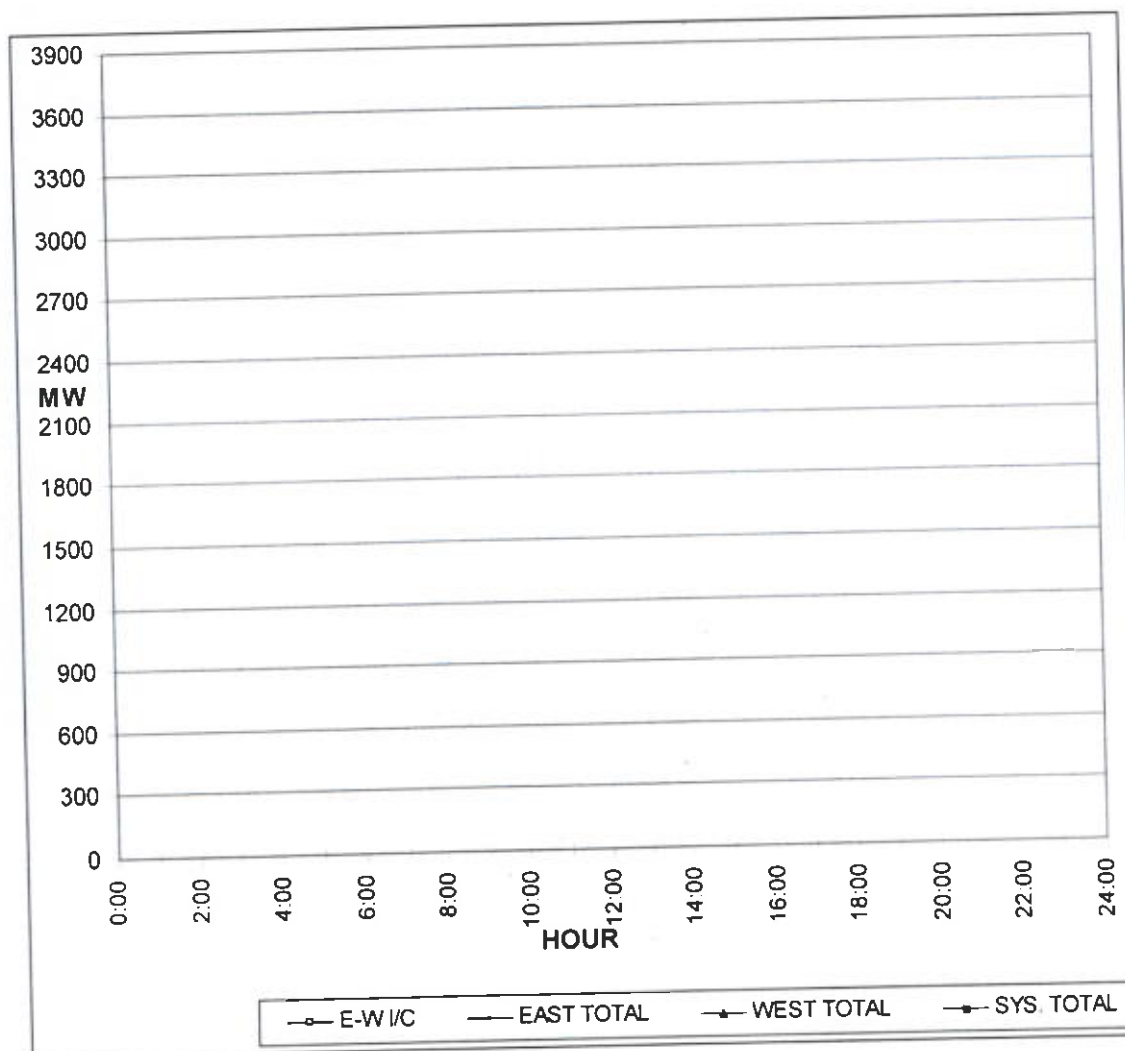


Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS		
	TITLE: DAILY LOAD CURVE							
Document No:	QF-LDC-11	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of 1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
National Load Dispatch Centre, Dhaka.

### DAILY LOAD CURVE

Date : .....



Manager  
Network Operation Division

Reviewed by (GMSO):

*[Signature]*

Approved by (Director O & M):

*[Signature]*

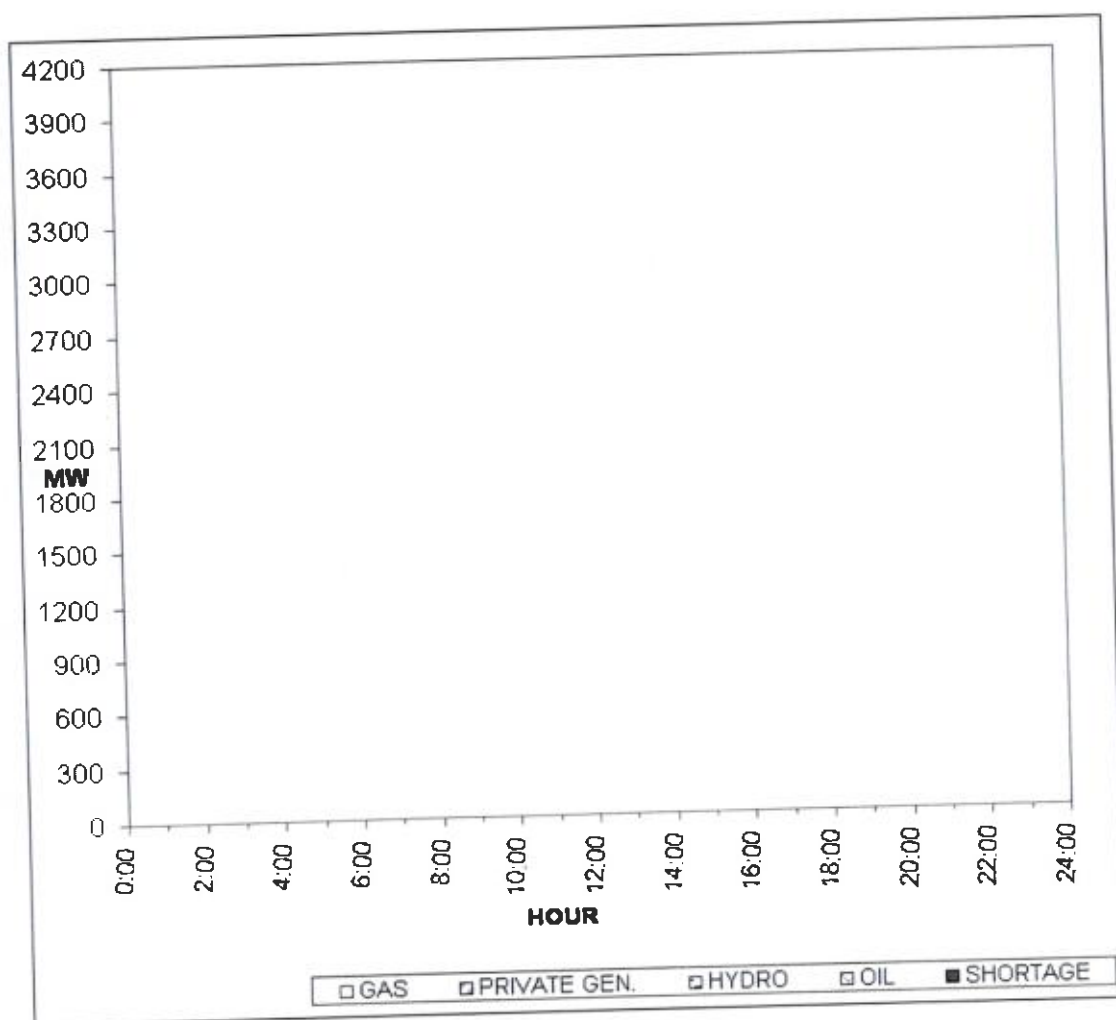


Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS		
	TITLE: DAILY ENERGY CURVE					Page:	1	of 1
Document No:	QF-LDC-12	Revision No.:	01	Effective Date:	11/11/12			

POWER GRID COMPANY OF BANGLADESH LTD.  
National Load Dispatch Centre, Dhaka.

## DAILY ENERGY CURVE

Date: .....



Manager  
Network Operation Division

Reviewed by (GMSO):

*[Signature]*

Approved by (Director O & M):

*[Signature]*

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: ZONE AND SUB-STATION WISE AVAILABILITY OF SUPPLY UNDER DIFFERENT GENERATION CONDITION								
Document No:	QF-LDC-13	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**

LOAD DESPATCH CIRCLE, PGCB, DHAKA

**ZONE WISE AVAILABILITY OF SUPPLY UNDER DIFFERENT GENERATION CONDITION**

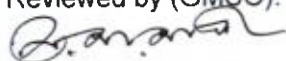
Effect Period : Summer ☐ Irrigation ☐

Available Generation(MW)											
AUX.consumption+ Tx loss.(MW)											
KPI Allocation(MW)											
Available usable Power(MW) (S/S end)											
<u>Zones:</u>	Zone Max. Demand	% of Total Demand	Zone wise availability of supply at S/S end (MW)								
Total		100									

**Remarks :**

This format is followed & maintained on the basis of system requirement & special instruction instantly and occasionally. Related data are being displayed in concerned consoles. No need & scope to recording.

Reviewed by (GMSO):



Approved by (Director O & M):



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.						QUALITY FORMS			
	TITLE: POWER / ENERGY TRANSFERRED THROUGH EAST-WEST INTERCONNECTORS									
Document No:	QF-LDC-14	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1	

**POWER GRID COMPANY OF BANGLADESH LTD.**

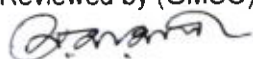
**POWER/ENERGY TRANSFERRED THROUGH EAST-WEST INTERCONNECTORS**

Date:

EWIC	Ghorasal	Ishurdi		Ashuganj		Serajganj		Energy Meter Reading		
Time	Amp	MW	Mvar	MW	Mvar	MW	Mvar			
1.00								Ghorasal end(M/F-1650000) KWhr		
2.00								Line1: - =		
3.00										
4.00										
5.00								Line2: - =		
6.00										
7.00								Ishurdi end(M/F-1672727.3) KWhr		
8.00								Line1: - =		
9.00										
10.00										
11.00								Line2: - =		
12.00										
13.00								Ashuganj end(M/F-2000) KWhr		
14.00								Line1: - =		
15.00										
16.00										
17.00								Line2: - =		
18.00										
18.30								Serajganj end(M/F-1000) KWhr		
19.00								Line1: - =		
19.30										
20.00										
21.00								Line2: - =		
22.00										
23.00								Energy Meter Reading		
24.00										

Manager  
Network Operation Division  
NLDC, PGCB, Dhaka.

Reviewed by (GMSO):



Approved by (Director O & M):



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Generation Schedule								
Document No:	QF-LDC-15	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
Energy Management Division, LDC, Dhaka.

**Generation Schedule**

Date: ...../...../20....., .....day & .....day.

Expected Evening Peak Generation : ..... MW with probable L/S of ..... MW due to generation constraints.  
Probable day peak generation: ..... MW. Probable Min. generation:..... MW.

Operating Hour	Generator 1	Generator 2	Generator .....	Generator .....	Generator .....	Available Generation (MW)	Demand at Gen. end (MW)	Shortage (MW)	Operating Hour
16:00									16:00
17:00									17:00
18:00									18:00
19:00									19:00
20:00									20:00
21:00									21:00
22:00									22:00
23:00									23:00
24:00									24:00
01:00									01:00
02:00									02:00
03:00									03:00
04:00									04:00
05:00									05:00
06:00									06:00
07:00									07:00
08:00									08:00
09:00									09:00
10:00									10:00
11:00									11:00
12:00									12:00
13:00									13:00
14:00									14:00
15:00									15:00

Deputy Manager  
Energy Management Division  
LDC, PGCB, Dhaka.

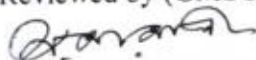
Manager  
Energy Management Division  
LDC, PGCB, Dhaka.

Copy: GM system operation.  
DGM, Load Despatch Circle  
Manager, Load Despatch Division  
CLDC control room

**Note :**

- 1) This schedule has been prepared as per LDC C/R record, as at 15:00H today and subject to change depending upon the system condition.
- 2) Minimum load of the ..... units should not be less than ..... MW.

Reviewed by (GMSO):



Approved by (Director O & M):



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: DAILY LOADING SCHEDULE OF IPP								
Document No:	QF-LDC-16	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**

**DAILY LOADING SCHEDULE OF IPP**

Name of IPP: .....

Effective period: ..... To .....

To

.....

.....

Attention: .....

Hours	MW	MVAR	Hours	MW	MVAR	Hours	MW	MVAR
1:00			9:00			17:00		
2:00			10:00			18:00		
3:00			11:00			19:00		
4:00			12:00			20:00		
5:00			13:00			21:00		
6:00			14:00			22:00		
7:00			15:00			23:00		
8:00			16:00			24:00		

- # The above schedule is subject to change depending on system condition which may be intimated over telephone / mobile from LDC, Dhaka.
- # The above hourly schedule may be followed for all the days of the week until issuance of another new schedule.
- # Please furnish statement of load (Active & Reactive) supplied against this schedule.
- # In case of "low grid voltage", maximum MVAR supply should be ensured.
- # All data should be considered on the delivery point, as specified in the PPA

Manager  
Energy Management Division.  
LDC, PGCB, Biddyut Bhaban, Dhaka.

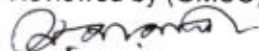
Ref No. : LDC/PGCB/ .....

Dated: .....

Distribution to:

1. DGM, LDC, PGCB, Biddyut Bhaban, Dhaka.
2. Director IPP Cell, BPDB Dhaka.
3. Manager LDD, LDC Biddyut Bhaban, Dhaka.

Reviewed by (GMSO):



Approved by (Director O & M):





Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.				QUALITY FORMS		
	TITLE: Troubles in NLDC System						
Document No:	QF-LDC-17	Revision No.:	01	Effective Date:	11/11/2012	Page:	2 of 2

NLDC, PGCBL, Aftabnagar, Dhaka.  
Troubles in NLDC System

Report No.	Date & Time	Problem	Corrected by

Manager (Shift), NLDC.

DM (Shift),NLDC.

For necessary action / For information.

DGM, SCADA/COM.

Date:

DGM, LDC.

Date:

For necessary action .

GM, System operation.

Date:

Reviewed by(GMSO):  


Approved by(Director O & M)



Quality Management System		POWER GRID COMPANY OF BANGLADESH LTD.			QUALITY FORMS	
Document No:		TITLE: Customer Complaints				
QF-LDC-18		Revision No.: 01	Effective Date:	11/11/12	Page: 1 of 1	

**POWER GRID COMPANY OF BANGLADESH**  
Customer Complaints

Sl no	Date	Received from	Subject	Cause (s) of problem	Action taken	Remarks

Reviewed by (GMSO)  


Approved by (Director Q & M)  


**POWER GRID COMPANY OF BANGLADESH LTD.**  
**INFORMATION MANAGEMENT DIVISION, LDC, DHAKA**

Name of units of Power Stations.	Fuel consumption (M³ or LITRE/kWh)	Cost of fuel (Tk/kWh)	Economy Order of machines on variable cost (Calculated in Taka)	Remarks
WESTMONT POWER BD. LTD.				
AES(H) @100% Plant Factor				
AES (H) @90% Plant Factor				
AES (H) @80% Plant Factor				
AES (H) @70% Plant Factor				
AES(M) @100% Plant Factor				
AES(M) @50% Plant Factor				
AES (M) @90% Plant Factor				
AES (H) @60% Plant Factor				
AES (M) @80% Plant Factor				
AES (M) @70% Plant Factor				
AES (H) @50% Plant Factor				
AES (M) @60% Plant Factor				
NEPC				
ASHUGANJ 3, 4 & 5	M³/KWH			
GHORASAL UNIT 5 & 6	M³/KWH			
GHORASAL 3 & 4	M³/KWH			
RAOJAN UNIT - 1	M³/KWH			
RAOJAN UNIT - 2	M³/KWH			
FENCHUGANJ CCPP(CC MODE)	M³/KWH			
ASHUGANJ UNIT 1 & 2	M³/KWH			
SHAHJIBAZAR 70 MW (GT)	M³/KWH			
BAGHABARI GT 2 ( 100 MW )	M³/KWH			
BAGHABARI GT 1 ( 71 MW )	M³/KWH			
SIDHIRGANJ 50 MW	M³/KWH			
FENCHUGANJ CCPP( GT MODE )	M³/KWH			
SIKALBAHA,STEAM	M³/KWH			
RPCL				
GHORASAL 1 & 2	M³/KWH			
ASHUGANJ CCPP (CC MODE)	M³/KWH			
HARIPUR 100MW (GT) , SBU	M³/KWH			
SYLHET 20MW (GT)	M³/KWH			
ASHUGANJ CCPP (GT MODE)	M³/KWH			
SHAHJIBAZAR G.T 7 UNITS	M³/KWH			
KPCL (FO)				
KHULNA 110(FO)	LITRE/KWH			
KHULNA 60(FO)	LITRE/KWH			
KHULNA BURGE (SKO)	LITRE/KWH			
BHERAMARA G.T/(HSD)	LITRE/KWH			
SAIDPUR G.T.(HSD)	LITRE/KWH			
RANGPUR G.T.(HSD)	LITRE/KWH			
BARISAL G.T.(HSD)	LITRE/KWH			

(2) "Tariff (FT/Energy cost) for different IPPs" prepared by IPP-1 cell dated .....

(3) "Tariff (FT/Energy cost) for different IPPs" prepared by IPP-2 cell dated .....

(4) "Tariff (FT/Energy cost) for different IPPs" prepared by IPP-3 cell dated .....

(5) Fuel price of Different power plants of REB (FAX from REB)

*[Signature]*

Approved by (DT): 

QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: ECONOMY ORDER OF POWER PLANTS								
Document No:	QF-LDC-21	Revision No.:	01	Effective Date:	11/11/12	Page:	2	of	2

**POWER GRID COMPANY OF BANGLADESH LTD.**  
INFORMATION MANAGEMENT DIVISION, LDC, DHAKA

**ECONOMY ORDER OF POWER PLANTS**

**Cost of Fuel in TK. ( Applicable for BPDB )**

NATURAL GAS	TK/ M³
HSD	TK/LITRE
FO	TK/LITRE
COAL	TK/KG

Note: Economy Order is prepared on the basis of the activity of the machines during the period ..... to .....

Manager  
Information Management Division  
LDC, PGCB, Dhaka.  
Date:

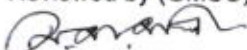
Memo No.: PGCB /IMD/4.03/20..../...

Dated : .....

Copy to :

1. Member , Generation / P&D, BPDB, Dhaka.
2. Director (O&M), PGCB , Dhaka.
3. General Manager, (System Operation), PGCB, Dhaka.
4. Chief Engineer, Generation / P&D, BPDB, Dhaka.
5. Deputy General Manager, LDC, PGCB, NLDC Bhaban,Dhaka
6. Director, IPP Cell (1/2/3) / System Planning, BPDB, Dhaka.
7. CSO to Chairman , BPDB. Dhaka.
8. Manager, EMD / NOD, PGCB, Dhaka.
9. National Load Despatch Centre, PGCB, NLDC Bhaban,Aftabnagar, Dhaka.
10. Office copy.

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: REPORT ON TRANSMISSION SYSTEM								
Document No:	QF-LDC-22	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	2

**POWER GRID COMPANY OF BANGLADESH LTD.**  
**INFORMATION MANAGEMENT DIVISION, LDC, DHAKA**

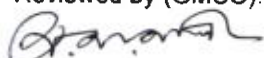
**REPORT ON TRANSMISSION SYSTEM**

Month:.....

Sl.No	Description of Item	Annexed form Nos.
1	Outage of Sub-Station equipment due to tripping/emergency maintenance.	QF-LDC-23
2	Outage of Transmission lines due to tripping/emergency maintenance.	QF-LDC-24
3	Outage of Sub-Station equipment due to schedule maintenance/project work.	QF-LDC-25
4	Outage of Transmission lines due to schedule maintenance/project work.	QF-LDC-26
5	Summary of tripping and outage (Emergency / scheduled )	QF-LDC-27
6	Summary of unserved Energy.	QF-LDC-28
7	Consolidated Statement of Sub-Station performance	QF-LDC-29
8	Consolidated Statement of Transmission line's performance	QF-LDC-30
9	Power Interruption due to trouble in Transmission/Generation System	QF-LDC-31
10	Over all Power interruption report of the system.	QF-LDC-32
11	Maximum Load recorded at different Sub-Station	QF-LDC-33
12	Area & Zone wise maximum load served during peak hour.	QF-LDC-34
13	Minimum Voltages at selected Sub-Stations.	QF-LDC-35
14	Maximum load of 230/132KV Auto transformer	QF-LDC-36
15	Report on load shedding	QF-LDC-37

	Description of Item	Unit	Quantity	Date	Time
16	Area wise supply (At S/S end) during Maximum Peak Gen. Period.				
	Dhaka	MW			
	Chittagang	MW			
	Comilla	MW			
	Mymensingh	MW			
	Sylhet	MW			
a)	Total Supply in East zone	MW			
	Khulna	MW			
	Barisal	MW			
	Rajshahi	MW			
	Rangpur	MW			
b)	Total Supply in West zone	MW			
c)	Total Supply in Both zone ( a+b)				

Reviewed by (GMSO):



Approved by (DT):





QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: REPORT ON TRANSMISSION SYSTEM								
Document No:	QF-LDC-22	Revision No.:	01	Effective Date:	11/11/12	Page:	2	of	2

**REPORT ON TRANSMISSION SYSTEM  
(230kv East-West Inter connector)**

SL. No	Description of Item	Unit	Quantity	Date
17	Daily Maximum power Export through EW/C			
	a) Ghorashal end	MW		
	B) Ishurdi end	MW		
18	Daily Maximum power Import through EW/C			
	a) Ghorashal end	MW		
	B) Ishurdi end	MW		
19	Daily Maximum Energy Export through EW/C			
	a) Ghorashal end	MKWH		
	B) Ishurdi end	MKWH		
20	Daily Maximum Energy Import through EW/C			
	a) Ghorashal end	MKWH		
	B) Ishurdi end	MKWH		
21	Total Energy Export through EW/C			
	a) Ghorashal end	MKWH		
	B) Ishurdi end	MKWH		
22	Total Energy Import through EW/C			
	a) Ghorashal end	MKWH		
	B) Ishurdi end	MKWH		
23	Transmission loss of EW/C	%		

**Comment :** [.....]

**Manager**  
Information Management Division  
LDC, PGCB, Dhaka.  
Date: .....

Ref:PGCB/IMD/4.01/20...../.....

Copy to:

- 1) Managing Director, PGCB, Dhaka.
- 2) Director, O&M/ P&D, PGCB, Dhaka
- 3) General Manager, System operation/Transmission-(1/2) / P & D, PGCB, Dhaka.
- 4) DGM, LDC/SPM/Planning/Grid Circle, Dhaka/ Chittagong/Khulna/ Comilla/ Bogra .
- 5) Director, System planning, BPDB Dhaka.
- 6) Manager, MIS/ EMD/ System Planning, PGCB Dhaka.
- 7) Office copy.

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: OUTAGE OF SUB-STATION EQUIPMENT DUE TO TRIPPING / EMERGENCY MAINTENANCE)								
Document No:	QF-LDC-23	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

## POWER GRID COMPANY OF BANGLADESH LTD.

Information Management Division, LDC, Dhaka

### OUTAGE OF SUB-STATION EQUIPMENT (DUE TO TRIPPING / EMERGENCY MAINTENANCE)

Month: .....

#### (A) Outage of Sub-Station equipment due to tripping / emergency maintenance :-

Name of the Sub-station	Equipment Name	Start Date and Time	Finish Date and Time	Duration	Type of outage	Cause	Unservd Load (MW)	Unservd Energy (MWH)	Remarks
Dhaka Grid Circle :									

Total : unservd energy

:

#### Chittagong Grid Circle :

--	--	--	--	--	--	--	--	--	--

Total unservd energy

:

#### Comilla Grid Circle:

--	--	--	--	--	--	--	--	--	--

Total unservd energy

:

#### Khulna Grid Circle:

--	--	--	--	--	--	--	--	--	--

Total : unservd energy

:

#### Bogra Grid Circle:

--	--	--	--	--	--	--	--	--	--

Total : unservd energy

:

#### Others:

--	--	--	--	--	--	--	--	--	--

Total : unservd energy

:

Total outage period of Sub-station Equipment :

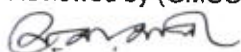
T = Tripping

E/O = Emergency Outage

S/O = Schedule Outage

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: OUTAGE OF TRANSMISSION LINES DUE TO TRIPPING/ EMERGENCY MAINTENANCE								
Document No:	QF-LDC-24	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
**Information Management Division, LDC, Dhaka**

**OUTAGE OF TRANSMISSION LINES DUE TO TRIPPING/ EMERGENCY MAINTENANCE**

**Month:** .....

**(B) Outage of Transmission lines due to tripping/ emergency maintenance:-**

Name of the Sub-station	Equipment Name	Start Date and Time	Finish Date and Time	Duration	Type of outage	Cause	Unservd Load (MW)	Unservd Energy (MWH)	Remarks
<b>Dhaka Grid Circle :</b>									

**Total :**

**unserved  
energy :**

**Chittagong Grid Circle :**

--	--	--	--	--	--	--	--	--	--

**Total**

**unserved  
energy :**

**Comilla Grid Circle:**

--	--	--	--	--	--	--	--	--	--

**Total**

**unserved  
energy :**

**Khulna Grid Circle:**

--	--	--	--	--	--	--	--	--	--

**Total :**

**unserved  
energy :**

**Bogra Grid Circle:**

--	--	--	--	--	--	--	--	--	--

**Total :**

**unserved  
energy :**

**Others:**

--	--	--	--	--	--	--	--	--	--

**Total :**

**unserved  
energy :**

**Total outage period of Transmission lines :**

**Total outage period of Sub-Station Equipment & Transmission lines  
Due to tripping /emergency outage (A+B) :**

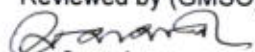
T = Tripping

E/O = Emergency Outage

S/O = Schedule Outage

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: OUTAGE OF SUB-STATION EQUIPMENT DUE TO SCHEDULE MAINTENANCE/PROJECT WORK								
Document No:	QF-LDC-25	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

## POWER GRID COMPANY OF BANGLADESH LTD.

Information Management Division, LDC, Dhaka

### OUTAGE OF SUB-STATION EQUIPMENT DUE TO SCHEDULE MAINTENANCE/PROJECT WORK

Month: .....

(C) Outage of Sub-Station equipment due to schedule maintenance/project work:-

Name of the Sub-station	Equipment Name	Start Date and Time	Finish Date and Time	Duration	Type of Outage	Cause	Unserved Load (MW)	Unserved Energy (MWH)	Remarks
Dhaka Grid Circle :									

Total :

unserved  
energy :

Chittagong Grid Circle :

--	--	--	--	--	--	--	--	--	--

Total

unserved  
energy :

Comilla Grid Circle:

--	--	--	--	--	--	--	--	--	--

Total

unserved  
energy :

Khulna Grid Circle:

--	--	--	--	--	--	--	--	--	--

Total :

unserved  
energy :

Bogra Grid Circle:

--	--	--	--	--	--	--	--	--	--

Total :

unserved  
energy :

Others:

--	--	--	--	--	--	--	--	--	--

Total :

unserved  
energy :

Total outage period of Sub-Station equipment due to schedule maintenance:

T = Tripping

E/O = Emergency Outage

S/O = Schedule Outage

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: OUTAGE OF TRANSMISSION LINES DUE TO SCHEDULED MAINTENANCE/PROJECT WORK								
Document No:	QF-LDC-26	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
**Information Management Division, LDC, Dhaka**  
**OUTAGE OF TRANSMISSION LINES DUE TO SCHEDULED MAINTENANCE/PROJECT WORK**

Month: .....

**(D) Outage of Transmission lines due to scheduled maintenance/project work :-**

Name of the Sub-station	Equipment Name	Start Date and Time	Finish Date and Time	Duration	Type of outage	Cause	Unserviced Load (MW)	Unserviced Energy (MWH)	Remarks
Dhaka Grid Circle :									

**Total : unserviced energy :**

**Chittagong Grid Circle :**

--	--	--	--	--	--	--	--	--	--

**Total unserviced energy :**

**Comilla Grid Circle:**

--	--	--	--	--	--	--	--	--	--

**Total unserviced energy :**

**Khulna Grid Circle:**

--	--	--	--	--	--	--	--	--	--

**Total : unserviced energy :**

**Bogra Grid Circle:**

--	--	--	--	--	--	--	--	--	--

**Total : unserviced energy :**

**Others:**

--	--	--	--	--	--	--	--	--	--

**Total : unserviced energy :**

**Total outage period of Transmission lines due to schedule maintenance/project work :**

**Total outage period of Sub-Station Equipment & Transmission lines due to scheduled maintenance/project work (C+D) :**

**Total outage period of Sub-Station Equipment & Transmission lines (A+B+C+D):**

T = Tripping

E/O = Emergency Outage

S/O = Schedule Outage

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):





QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: SUMMARY OF TRIPPING AND OUTAGE ( EMERGENCY & SCHEDULED )								
Document No:	QF-LDC-27	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
Information Management Division  
**SUMMARY OF TRIPPING AND OUTAGE**  
( EMERGENCY & SCHEDULED )

Month : .....

SL No.	Area	Previous Month (.....)				Current Month (.....)			
		Total number of			Total	Total number of			Total
		T	E/O	S/O		T	E/O	S/O	
1	Dhaka grid circle.								
2	Chittagong grid circle.								
3	Comilla grid circle.								
4	Khulna grid circle.								
5	Bogra grid circle.								
6	Others								
	Total								

T = Tripping

E/O = Emergency Outage

S/O = Scheduled Outage

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: SUMMARY OF UNSERVED ENERGY								
Document No:	QF-LDC-28	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

## POWER GRID COMPANY OF BANGLADESH LTD.

Information Management Division, LDC, Dhaka

### SUMMARY OF UNSERVED ENERGY

Month : .....

SL No.	Area	Previous Month (.....)				Current Month (.....)			
		Energy unserved ( MWH ) due to			Total	Energy unserved ( MWH ) due to			Total
		T	E/O	S/O		T	E/O	S/O	
1	Dhaka grid circle.								
2	Chittagong grid circle.								
3	Comilla grid circle.								
4	Khulna grid circle.								
5	Bogra grid circle.								
6	Others								
	Total								

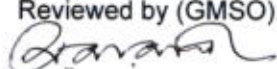
T = Tripping

E/O = Emergency Outage

S/O = Scheduled Outage

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: CONSOLIDATED STATEMENT OF SUB-STATION PERFORMANCE								
Document No:	QF-LDC-29	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
**Information Management Division, LDC, Dhaka**

**CONSOLIDATED STATEMENT OF SUB-STATION PERFORMANCE**

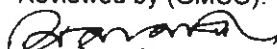
Month : .....

Sl. No.	Name of Grid Circle	Total Sub-station capacity (MVA)	Number of power interruption			Number of power interruption			Amount of power interruption (MkWh)	Remarks
			Forced	Scheduled	Total	Upto 30 minutes	Upto 01 hour	More than 01 hour		
1	2	3	4	5	6=4+5	7	8	9	10	11
1.	Chittagong									
2.	Khulna									
3.	Bogra									
4.	Dhaka									
5.	Comilla									
6.	Total									

Sl. No.	Name of Grid Circle	Sub-station Availability (%)	Remarks
1	2	3	4
1.	Chittagong		
2.	Khulna		
3.	Bogra		
4.	Dhaka		
5.	Comilla		
6.	Total		

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: CONSOLIDATED STATEMENT OF TRANSMISSION LINE PERFORMANCE								
Document No:	QF-LDC-30	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

## POWER GRID COMPANY OF BANGLADESH LTD.

Information Management Division, LDC, Dhaka

### CONSOLIDATED STATEMENT OF TRANSMISSION LINE PERFORMANCE

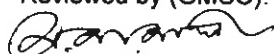
Month : .....

Sl. No.	Name of Grid Circle	Total length of transmission line (Ckt. Km.)	No. of Section in Transmission line	Number of power interruption			Number of power interruption			Amount of power interruption (MkWh)	Remarks
				Forced	Scheduled	Total	Upto 30 minutes	Upto 01 hour	More than 01 hour		
1	2	3	4	5	6	7=5+6	8	9	10	11	12
1.	Chittagong										
2.	Khulna										
3.	Bogra										
4.	Dhaka										
5.	Comilla										
6.	Total										

Sl. No.	Name of Grid Circle	Transmission line Availability (%)	Remarks
1	2	3	4
1.	Chittagong		
2.	Khulna		
3.	Bogra		
4.	Dhaka		
5.	Comilla		
6.	Total		

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: REPORT ON POWER INTERRUPTION DUE TO TROUBLE IN TRANSMISSION/GENERATION SYSTEM								
Document No:	QF-LDC-31	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

## POWER GRID COMPANY OF BANGLADESH LTD.

Information Management Division, LDC, Dhaka

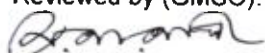
### REPORT ON POWER INTERRUPTION DUE TO TROUBLE IN TRANSMISSION/GENERATION SYSTEM

Month : .....

Type of fault	Power failure due to								Partial Grid failure		Total Grid failure		Remarks
	Trouble In Generation System		Trouble In Grid S/S Equipment		Trouble In Transmission Line		Lightning in Transmission Line /Thunder Storm						
	Total No	Duration Hour / Min.	Total No	Duration Hour / Min.	Total No	Duration Hour / Min.	Total No	Duration Hour / Min.	Total No	Duration Hour / Min.			
Period													
Total													

Manager  
Information Management  
Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):









QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: AREA & ZONE WISE MAXIMUM LOAD SERVED DURING PEAK HOUR								
Document No:	QF-LDC-34	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

## POWER GRID COMPANY OF BANGLADESH LTD.

Information Management Division, LDC, Dhaka

### AREA WISE MAXIMUM LOAD SERVED DURING PEAK HOUR.

Month : .....

Area	MW	Date	Hour	Remarks
Dhaka				
Chittagong				
Khulna				
Rajshahi				
Comilla				
Mymensingh				
Sylhet				
Barisal				
Rangpur				

Manager  
Information Managemnet Division,  
LDC, PGCB, Dhaka.

Reviewed by (GMSO):



Approved by (DT):





QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: MAXIMUM LOAD OF 230/132KV AUTO TRANSFORMERS								
Document No:	QF-LDC-36	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**

Information Management Division, LDC, Dhaka

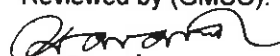
**MAXIMUM LOAD OF 230/132KV AUTO TRANSFORMERS**

Month: .....

Name of the sub-station	Auto transofrmer		Recorded maximum load		Date	Time	Remarks
	Name	Capacity ( MVA )	MW	Amps (230kv side )			

Manager  
Information Management Division,  
LDC, PGCB, Dhaka.  
Date:

Reviewed by (GMSO):



Approved by (DT):







QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: REPORT ON GENERATION SYSTEM								
Document No:	QF-LDC-38	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

**POWER GRID COMPANY OF BANGLADESH LTD.**  
Information Management Division, LDC, Dhaka

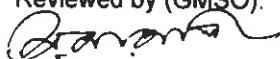
**REPORT ON GENERATION SYSTEM**

Month:.....

SL. No	Description of Item	Unit	Quantity	Date	Time
1	Peak Generation	MW			
2	Maximum day peak Gen	MW			
3	Peak Demand	MW			
4	Minimum Generation	MW			
5	Average of the daily evening peak.	MW			
6	Average of the daily day peak.	MW			
7	Maximum load shed	MW			
8	Minimum load shed	MW			
9	Total nos. of load shed days	Day			
10	Average load shed ( Avg. of the 31 days in the month)	MW			
11	Total Generation	MKWH			
12	Total Generation by IPP	MKWH			
13	Total Generation by BPDB	MKWH			
14	Fuel wise Generation.				
	A) Gas	MKWH			
	B) Oil	MKWH			
	C) Hydro :	MKWH			
15	Maximum of the daily total Generation	MKWH			
16	Monthly Load factor.	%			
17	Total fuel cost ( BPDB ) ( Calculated)	M.Taka			
	a) Gas	M.Taka			
	b) Liquid fuel	M.Taka			
18	Maximum of the daily fuel cost ( PDB )( Calculated)	M.Taka			
	a) Gas	M.Taka			
	b) Liquid fuel	M.Taka			
19	Fuel cost of per unit Generation by BPDB				
	a) Including Hydro	Taka/KWHR			
	b) Excluding Hydro	Taka/KWHR			
20	Head water level of Kaptai lake on the last day of the month				
	a) As per rule curve	FT (SML)			
	b) Actual	FT (SML)			
21	Peak Generation of .....20.....	MW			
22	Peak Demand of .....20.....	MW			
23	Maximum peak Generation recorded upto .... / ... / 20....	MW			
24	Maximum peak Demand recorded upto .... / ... / 20....	MW			
25	Maximum load shed recorded upto .... / ... / 20....	MW			

Manager  
Information Management Division  
LDC,PGCB,Dhaka  
Date:

Reviewed by (GMSO):



Approved by (DT):

