

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, মে:ও:)
জাতীয় বিদ্যুৎ নিয়ন্ত্রণ কেন্দ্র, আফতাবনগর, ঢাকা /
আঞ্চলিক বিদ্যুৎ নিয়ন্ত্রণ কেন্দ্র, ... ।

তারিখ

বার

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

ঘন্টা	কাগুতাই			আর পি সি এল	পূর্ব গ্রীডের মোট উৎপাদন	খুলনা					সম্মিলিত ডিজেল			পশ্চিম গ্রীডের মোট উৎপাদন	জাতীয় গ্রীডের মোট উৎপাদন	ঘন্টা
	১,২,৩	৪,৫				১১০ মে:ও:	৬০ মে:ও:	বার্জ ১,২	কে পি সি এল ১,৩		..		..			
০১-০০																০১-০০
০২-০০																০২-০০
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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
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২৩-০০																২৩-০০
২৪-০০																২৪-০০
মোট কি: ও: ঘ:																
জ্বালানী খরচ																

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।
মেগাভার উৎপাদন

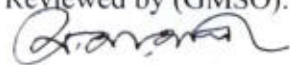
তারিখ

বার

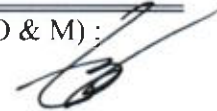
পালা	প্রকৌশলীগণের সাক্ষর
২২:০০- ০৬:০০	
০৬:০০- ১৪:০০	
১৪:০০- ২২:০০	

ঘন্টা	কাণ্ডাই			আর পি সি এল	খুলনা					সৈয়দপুর জিটি	মোট	ঘন্টা	কাণ্ডাই জলাধারে 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		
.....														কল 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: DIALY LOG OF NATIONAL GRID (MACHINE STATUS)								
Document No:	QF-LDC-03	Revision No.:	00	Effective Date:	15/02/07	Page:	1	of	1

তারিখ

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

Reviewed by (GMSO):

Quality Management System	POWER GRID BANGLADESH PLC					QUALITY FORMS			
	TITLE: EVENING PEAK HOUR REPORT								
Document No:	QF-LDC-05	Revision No:	02	Effective Date:	01/01/25	Page:	1	of	2



Power Grid Bangladesh PLC National Load Dispatch Center (NLDC) Evening Peak Hour Report

Date :

Peak Hour Generation: MW

Hour:

Sl.	Name of the Power Station	Fuel	Producer	Installed Capacity		Present Capacity	Forecasted Generation	Actual Generation	Increase	Decrease	Remarks
				Unit No. X Capacity	MW	MW	MW	MW	MW	MW	
Dhaka Area Total											
Chattogram Area Total											
Cumilla Area Total											
Mymensingh Area Total											
Sylhet Area Total											
Khulna Area Total											
Barishal Area Total											
Rajshahi Area Total											
Rangpur Area Total											
System Total											

Reviewed by (CE SO):

M. M. Islam

Approved by (ED O & M):

W.M.

Quality Management System	POWER GRID BANGLADESH PLC					QUALITY FORMS			
	TITLE: EVENING PEAK HOUR REPORT								
Document No:	QF-LDC-05	Revision No:	02	Effective Date:	01/01/25	Page:	2	of	2



Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
Evening Peak Hour Report

Date :

Demand (Gen. End):		MW	Shortage:		MW	
Generation:		MW	Load Shed:		MW	
Auxiliary use of P/S and Transmission Loss:		MW	Total power usable at grid S/S:		MW	

Zone-wise supply scenario at evening peak hr.			
Area	Supply(S/S end)	Demand(S/S end)	Load Shed(S/S end)
Dhaka			
Chattogram			
Cumilla			
Mymensingh			
Sylhet			
Khulna			
Barishal			
Rajshahi			
Rangpur			
Total			

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Reviewed by (CE SO):

U. U. Islam

Approved by (ED O & M):

AMM

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.
NATAIONAL LOAD DESPATCH CENTER, LDC, DHAKA

SHIFT DIARY

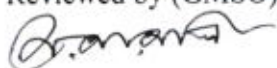
Name of Control room:

Shift : (From Hr. to Hr.)

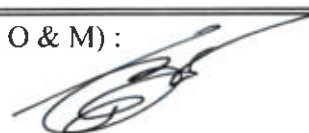
Name & Designation of personnel in duty 1. 2. 3. 4.		
Time	Description of events	Comments
	Signature of Shift in Charge	

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 BANGLADESH PLC				QUALITY FORMS			
	TITLE: FORECASTED GENERATION & DEMAND OF NATIONAL GRID							
Document No:	QF-LDC-07	Revision No:	02	Effective Date:	01/01/25	Page:	2	of 2



Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
Forecasted Generation & Demand of National Grid

Date :

Forecast Scenario (.....)			
Hour	Generation	Load-Shed	Demand
00:00			
01:00			
02:00			
03:00			
04:00			
05:00			
06:00			
07:00			
08:00			
09:00			
10:00			
11:00			
12:00			
13:00			
14:00			
15:00			
16:00			
17:00			
18:00			
18:30			
19:00			
19:30			
20:00			
21:00			
22:00			
23:00			

Probable Maximum Temperature:	 °C								
Probable Maximum Demand at Day Peak:	 MW	Total Load Shed forecast at evening peak hr. (Sub-station End):							
Probable Maximum Demand at Evening Peak:	 MW	Area Wise Load Shed forecast (in MW) at evening peak hr. (Sub-station End):							
Probable Maximum Generation at Evening Peak:	 MW	Dhaka	Chittagong	Cumilla	Mymensingh	Sylhet	Khulna	Barishal	Rajshahi
Probable Total Energy Generation:	 MKWHR.								

*** This report is generated digitally from Operation Information System (OIS) at hrs on

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Reviewed by (CE SO):

Approved by (ED O & M):

M. M. Islam

MM

Quality Management System	POWER GRID BANGLADESH PLC				QUALITY FORMS	
	TITLE: SYSTEM SUMMARY REPORT					
Document No:	QF-LDC-08	Revision No:	02	Effective Date:	01/01/25	Page: 1 of 2



Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
System Summary Report

Date :

Power Supply Scenario

Day Peak Generation		MW	 Hr.	Energy Generated		MW-hr
Day Peak Demand		MW	 Hr.	Energy Unserved		MW-hr
Evening Peak Generation		MW	 Hr.	Energy Demand		MW-hr
Evening Peak Demand		MW	 Hr.	Maximum Temperature		°C
Minimum Generation of the Day		MW	 Hr.	Total Gas Supplied		MMCFD
Maximum Generation of the Day		MW	 Hr.	Production Cost per KWHr		Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone									
Chattogram Zone									
Cumilla Zone									
Mymensingh Zone									
Sylhet Zone									
Khulna Zone									
Barishal Zone									
Rajshahi Zone									
Rangpur Zone									
Total									

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas		Hydro	
Coal		Solar	
HFO		Import	
HSD		Wind	
Total:		Total:	

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:		Import through HVDC C/B Interconnector:	MKWHr:		Peak Hr Flow	 MW at hrs.
Energy Flow from West to East:	KWHr:		Import through Adani C/B Interconnector:	MKWHr:		Peak Hr Flow	 MW at hrs.
Power Flow during Peak Demand (W-E):	MW:		Import through Cumilla C/B Interconnector:	MKWHr:		Peak Hr Flow	 MW at hrs.
Maximum Power Flow (W-E):	MW:		Total Import through C/B Interconnector:	MKWHr:		Peak Hr Flow	 MW at hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (..... Hr.)

Zone	Load-Shed	Demand
Dhaka		
Chattogram		
Cumilla		
Mymensingh		
Sylhet		
Khulna		
Barishal		
Rajshahi		
Rangpur		
Total		

Status of unavailable Power Plant

Planned S/D			Forced S/D		
Sl	Plant Name	Capacity	Sl	Plant Name	Capacity
.....					
Total			Total		
Total Unavailable Capacity			Total Unavailable Capacity		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division

Reviewed by (CE SO):

U. U. Islam

Approved by (ED O & M):

MM

Quality Management System	POWER GRID BANGLADESH PLC				QUALITY FORMS	
	TITLE: EVENING PEAK GENERATION AND DAY LONG ENERGY DATA OF POWER STATIONS					
Document No:	QF-LDC-08	Revision No:	02	Effective Date:	01/01/25	Page: 2 of 2



Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
EVENING PEAK GENERATION AND DAY LONG ENERGY DATA OF POWER STATIONS

Date :

Sl.	Name of the Power Stations	Producer	Installed Capacity	Present Capacity	Peak Hour Generation	Energy Generated	Remarks
			Unit No. X Capacity	MW	MW	KWH	
Dhaka Area Total			*****	*****	*****	*****	*****
Chattogram Area Total			*****	*****	*****	*****	*****
Cumilla Area Total			*****	*****	*****	*****	*****
Mymensingh Area Total			*****	*****	*****	*****	*****
Sylhet Area Total			*****	*****	*****	*****	*****
Khulna Area Total			*****	*****	*****	*****	*****
Barishal Area Total			*****	*****	*****	*****	*****
Rajshahi Area Total			*****	*****	*****	*****	*****
Rangpur Area Total			*****	*****	*****	*****	*****
Eastern Grid Total			*****	*****	*****	*****	*****
Western Grid Total			*****	*****	*****	*****	*****
National Grid Total			*****	*****	*****	*****	*****

*Data collected from respective power station via Operation Information System(OIS) software.

Executive Engineer
Network Operation Division

Reviewed by (CE SO):

M. M. Islam

Approved by (ED O & M):

AMM

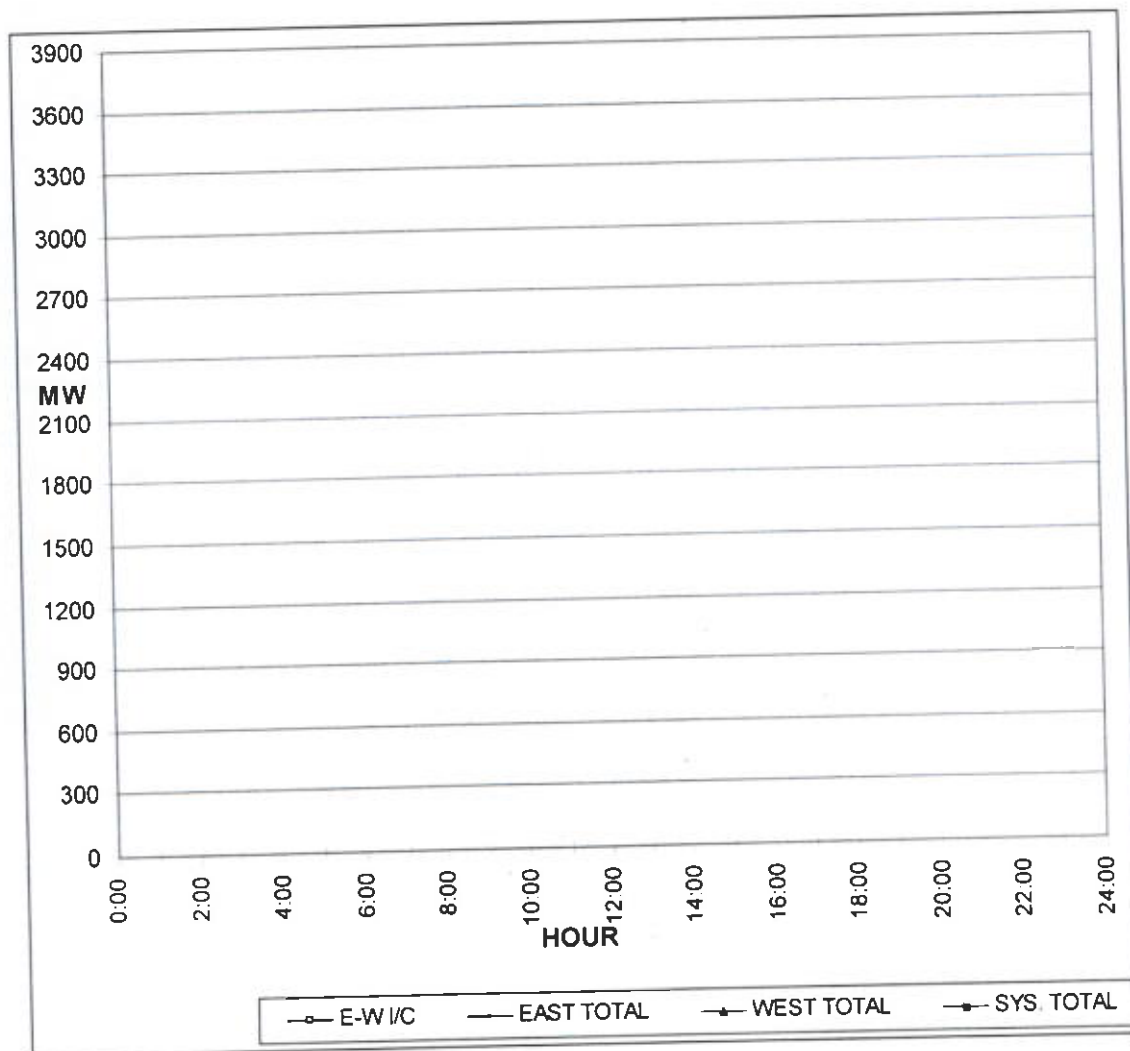
Approved by (Director O & M)

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

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):

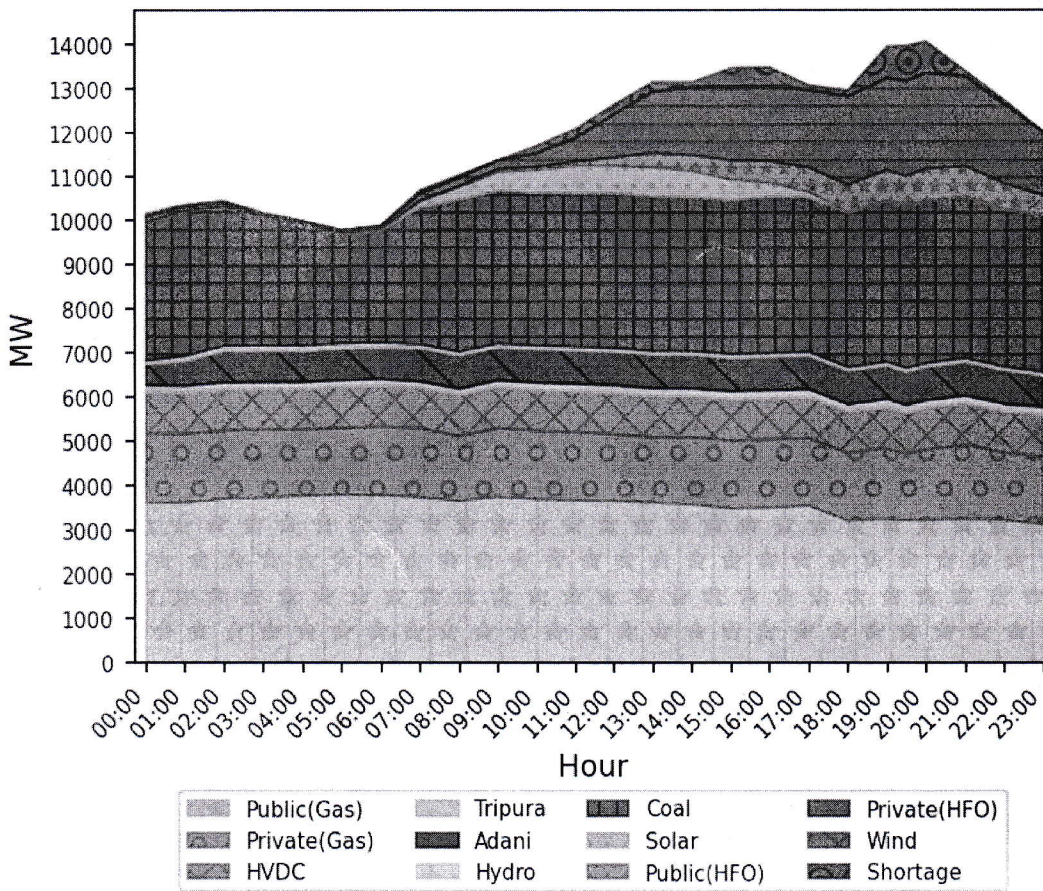
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Quality Management System	POWER GRID BANGLADESH PLC					QUALITY FORMS			
	TITLE: DAILY ENERGY CURVE								
Document No:	QF-LDC-12	Revision No:	02	Effective Date:	01/01/25	Page:	1	of	1

Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
DAILY ENERGY CURVE

dd-mm-yyyy

Energy Generated		MKWHr
Energy not Served		MKWHr
Total Energy Requirement		MKWHr



Executive Engineer
Network Operation Division

Reviewed by (CE SO):

M. M. Islam

Approved by (ED O & M):

MM

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

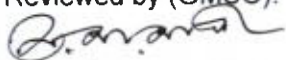
Effect Period : Summer ☐ Irrigation ☐

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.

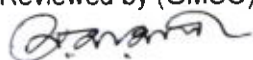
POWER/ENERGY TRANSFERRED THROUGH EAST-WEST INTERCONNECTORS

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.

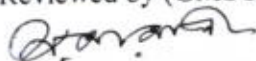
Manager
Energy Management Division
LDC, PGCB, Dhaka.

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.

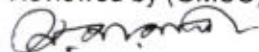
Ref No. : LDC/PGCB/

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, PGCB, 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, LDC.

Date:

DGM, SCADA/COM.

Date:

For necessary action .

GM, System operation.

Date:

Reviewed by(GMSO):



Approved by(Director O & M)

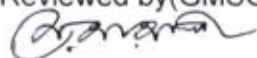


Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Customer Complaints								
Document No:	QF-LDC-18	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

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 O & M)



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:

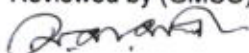
Memo No.: PGCB /IMD/4.03/20..../...

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

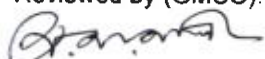
REPORT ON TRANSMISSION SYSTEM

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 :

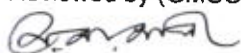
T = Tripping

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	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 :

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

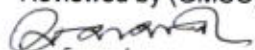
T = Tripping

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	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 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								

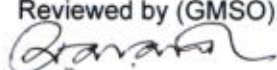
T = Tripping

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

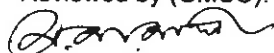
Month :

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

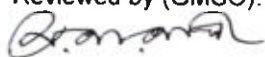
REPORT ON POWER INTERRUPTION DUE TO TROUBLE IN TRANSMISSION/GENERATION SYSTEM

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	Duration	Total	Duration	Total	Duration	
Period	Total No	Duration Hour / Min.	Total No	Duration Hour / Min.	No	Hour / Min.	No	Hour / Min.	No	Hour / Min.	No	Hour / Min.	
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: MINIMUM VOLTAGES AT SELECTED SUB-STATIONS								
Document No:	QF-LDC-35	Revision No.:	01	Effective Date:	11/11/12	Page:	1	of	1

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

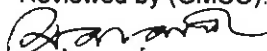
MAXIMUM & MINIMUM VOLTAGES AT SUB-STATIONS

Month :

Sl. No	Sub-station	Rated Voltage kV	Maximum Voltage kV	Date	Hour	Minimum Voltage kV	Date	Hour	Remarks
230 kV Sub-stations									
132 kV Sub-stations									

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: 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

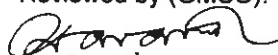
MAXIMUM LOAD OF 230/132KV AUTO TRANSFORMERS

Month:

Name of the sub-station	Auto transformer		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

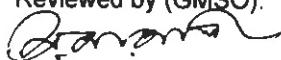
REPORT ON GENERATION SYSTEM

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):



Quality Management System	POWER GRID BANGLADESH PLC				QUALITY FORMS	
	TITLE: HOURLY DEMAND, GENERATION & LOAD-SHED REPORT					
Document No:	QF-LDC-39	Revision No:	01	Effective Date:	01/01/25	Page: 1 of 1



Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
Hourly Demand, Generation & Load-Shed Report

Date :

Hour	Generation	Load-Shed	Demand
00:00			
01:00			
02:00			
03:00			
04:00			
05:00			
06:00			
07:00			
08:00			
09:00			
10:00			
11:00			
12:00			
13:00			
14:00			
15:00			
16:00			
17:00			
18:00			
19:00			
19:30			
20:00			
21:00			
22:00			
23:00			

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Reviewed by (CE SO):

M. M. Islam

Approved by (ED O & M):

AMM

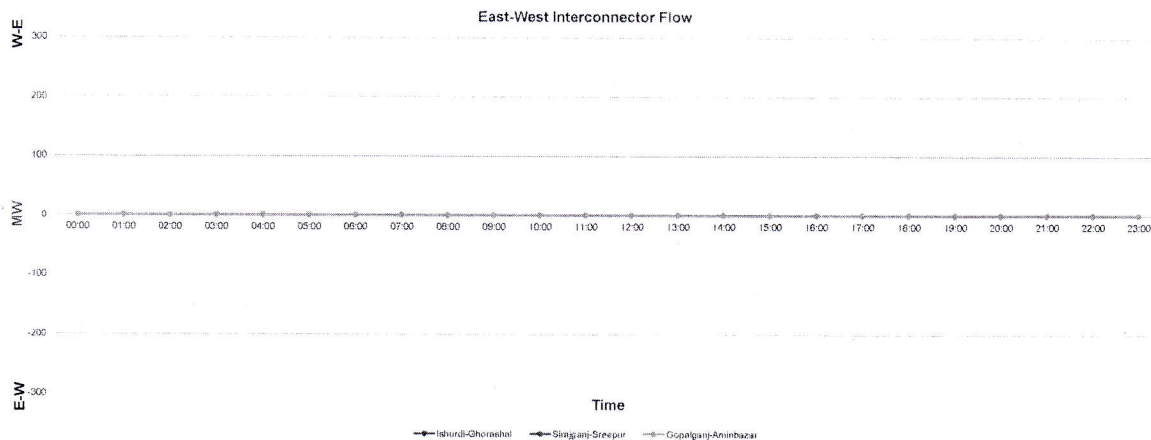
Quality Management System	POWER GRID BANGLADESH PLC					QUALITY FORMS			
	TITLE: EAST-WEST INTERCONNECTOR LOG								
Document No:	QF-LDC-40	Revision No:	01	Effective Date:	01/01/25	Page:	1	of	1



Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
East-West Interconnector Log

Date:

EWIC	Ishurdi- Ghorashal		Sirajganj- Sreepur		Gopalganj- Aminbazar		Line	Export/Import	Energy (MkWhr)
Time	MW	MVAR	MW	MVAR	MW	MVAR			
00:00							Ishurdi-Ghorashal Ckt-1	Export	
01:00								Import	
02:00							Ishurdi-Ghorashal Ckt-2	Export	
03:00								Import	
04:00							Sirajganj-Sreepur Ckt-1	Export	
05:00								Import	
06:00							Sirajganj-Sreepur Ckt-2	Export	
07:00								Import	
08:00							Gopalganj-Aminbazar Ckt-1	Export	
09:00								Import	
10:00							Gopalganj-Aminbazar Ckt-2	Export	
11:00								Import	
12:00							Total Export		
13:00									
14:00							Total Import		
15:00									
16:00									
17:00									
18:00									
19:00									
20:00									
21:00									
22:00									
23:00									



Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Reviewed by (CE SO):

Approved by (ED O & M):

[Signature]

[Signature]