

QUALITY
MANAGEMENT
SYSTEM

Document No.

POWER GRID COMPANY OF BANGLADESH LTD.

TITLE: NLDC SCADA/ EMS SYSTEM MONITORING REPORT

QF-SMD-03 Rev No. 0 Effective Date: 11/11/12

QUALITY
FORM

Page: 1 of 3

Location : ▼ M/C Name / Date		Data Server		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Master DS																																			
SAMPLER		Sampling NC, ETA																																	
DS01 CPU Uses																																			
DS01 Memory Total/Uses (4G)																																			
DS01 Disk U01% (39.8G)																																			
Incident if any																																			
DS02 CPU Uses																																			
DS02 Memory Total/Uses (4G)																																			
DS02 Disk U01% (39.8G)																																			
Incident if any																																			
DS03 CPU Uses																																			
DS03 Memory Total/Uses (4G)																																			
DS03 Disk U01% (39.8G)																																			
Incident if any																																			
MRS Control																																			
GPS Clock																																			
FE Server																																			
Master Machine																																			
FE01 CPU Uses																																			
FE01 Memory Total/Uses (4128028 k)																																			
Application																																			
Incident if any																																			
FE02 CPU Uses																																			
FE02 Memory Total/Uses (4128028 k)																																			
Application																																			
Incident if any																																			
HIS Server																																			
HS01 CPU Uses																																			
HS01 Memory Total/Uses (4G)																																			
HS01 Disk U01% (39.8G)																																			
Incident if any																																			
WI Server																																			
WI01 CPU Uses																																			
WI01 Memory Total/Uses (4128028 k)																																			
WI01 Disk																																			
Incident if any																																			
WI02 CPU Uses																																			
WI02 Memory Total/Uses (4128028 k)																																			
WI02 Disk																																			
Incident if any																																			

JAM

Reviewed by (GM, SO)

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AMDM

(.....)

Manager

Approved by (Director O&M)

[illegible]

Manager

Approved by (Director O&M)

AM/DM

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JAM
Reviewed by (GM, SO)

Location :		M/Y :
	M/C Name /Date	
	Data Server	
SAMPLER	Samcopy NC_ETa	
DS01 CPU Uses		
DS01 Memory Total/Uses (4G)		
DS01 Disk U01% (39.8 G)		
Incident if any		
GPS Clock		
FE Server		
FE01 CPU Uses		
FE01 Memory Total/Uses (4126028 k)		
Application		
Incident if any		
HIS Server		
HS01 CPU Uses		
HS01 Memory Total/Uses (4G)		
HS01 Disk U01% (39.8 G)		
Incident if any		
WI Server		
Wl01 CPU Uses		
Wl01 Memory Total/Uses (4126028 k)		
Wl01 Disk		
Incident if any		
ICCP Server		
IC01 CPU Uses		
IC01 Memory Total/Uses (4126028 k)		
IC01 Disk		
Incident if any		
AD Server		
AD01 CPU Uses		
AD01 Memory Total/Uses (4126028 k)		
AD01 Disk		
Incident if any		
RS Server		
RS01 CPU Uses		
RS01 Memory Total/Uses (4126028 k)		
RS01 Disk		
Incident if any		
BDBMD01 (Display)		
BDBSW01		
BDBSW02		
BDBSW03		
BDBTS01		
BDBTS02		
BDBT01		
BDBFW01		
Remarks if any		
Signature		

Manager
Approved by: (Director, G&M)

QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.			QUALITY FORM	
TITLE: ANNUAL MAINTENANCE SCHEDULE					
Document No:	QF-SMD-04	Revision No.:	00	Effective Date:	11/11/12
				Page:	1 of 2

PERIOD TO

Location : NLDC & Biddyt Bhaban.

Sl no	Description of Work	Month												Week											
1	Data Server (BDNDS01, BDNDS02,BDBDS01)																								
2	DTS server (BDNDS03)																								
3	FE Server (BDNFE01, BDNFE02,BDBFE01																								
4	HIIS Server (BDNHS01, BDBHS01)																								
5	WI Server (BDNW101, BDNW102, BDBW101)																								
6	ICCP Server (BDNIC01, BDNIC02, BDBIC01)																								
7	AD Server (BDNAD01, BDBAD01)																								
8	RS Server (BDNRS01, BDBRS01)																								
9	DC Server (BDNDC01)																								
10	BARCO (BDNWD01)																								
11	M. Display (BDBMD01)																								
12	Terminal S/W (BDNTS01, BDNTS02, BDBTS01, BDBTS02																								

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Reviewed by (GMSO):

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MANAGER

Approved by (Director O&M):

QUALITY MANAGEMENT SYSTEM		POWER GRID COMPANY OF BANGLADESH LTD.										QUALITY FORMS	
Document No:		TITLE: Check-Sheet for Data Archiving										Page: 1 of 2	
QF-SMD-05		Revision No.: 00		Effective Date: 11/11/12									

Location :

M/Y

no	Table name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	33 KV LOADSHED																															
2	ACE_IMN																															
3	ANL_IMN																															
4	AVGE_KV_30M N																															
5	AVGE_KV_DA Y																															
6	CNT_CB-DAY																															
7	CNT_TAP_DAY																															
8	DAILY_MW_M VAR																															
9	DL_AVGE_30M N																															
10	DL_AVGE_DAY																															
11	DOWNTIME																															
12	FUEL_HR																															
13	GN_AVGE_30M N																															
14	GN_AVGE_DA Y																															
15	GN_PEAK_30M N																															
16	GN_PEAK_DAY																															
17	LOADSHED_HR																															
18	LOADSHED_O UTAGE_TIME																															
19	LOAD_AVGE_D AY																															
20	LOAD_PEAK_30MN																															
21	LOAD_PEAK_D AY																															

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Manager
Approved by (Director O&M)

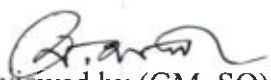
QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM			
	TITLE: Weekly Check-Sheet for Computer Performance of Office & ACC Consoles								
Document No:	QF-SMD-07	Revision No.:	00	Effective Date:	11/11/12	Page:	1	of	1

S. No	Console ID	Location	Status			Remarks
			CPU Usage(%)	Memory Usage(%)	Disk Usage(%)	
1	BDNOC01					
2	BDNOC02					
3	BDNOC03					
4	BDNOC04					
5	BDNOC05					
6	BDNOC06					
7	BDNOC07					
8	BDNOC07					
9	BDNOC08					
10	BDNOC09					
11	BDNOC10					
12	BDNOC11					
13	BDNOC12					
14	BDNOC13					
15	BDNOC14					
16	BDNOC15					
17	BDNOC16					
18	BDNOC17					
19	BDNOC18					
20	BDNOC19					
21	BDNOC20					
22	BDNOC21					
23	BDNOC22					
24	BDNOC23					
25	BDNOC24					
26	BDNOC25					
27	BDNOC26					
28	BDBMD01					
29	BDNOC01					
30	BDNOC02					
31	BDNOC03					
32	BDNOC04					
33	BDNOC05					
34	BDNOC06					
35	BDNOC07					
36	BDNOC08					
37	BDNOC09					
38	BDSOC01					
39	BDSOC02					
40	BDSOC03					
41	BDSOC04					
42	BDDOC01					

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Manager


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QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM			
	TITLE: Log sheet for Electrical Equipment								
Document No:	QF-SMD-10	Revision No.:	00	Effective Date:	11/11/12	Page:	1	of	2

Date/Eq. name									
11/4 kV Sub station Essential LT panel (T1)									
V1									
V1									
V3									
I1									
I2									
I3									
11/4 kV Sub station Non Essential LT panel (T2)									
V1									
V1									
V3									
I1									
I2									
I3									
11/4 kV X-er T1									
Oil Level									
Oil temp.									
11/4 kV X-er T2									
Oil Level									
Oil temp.									
Diesel Generator									
Fuel Level %									
Operating Hours									
Battery Voltage									
Battery Water Level									
UPS1									
Charger Vdc									
Charger Idc									
Inverter L1									
Inverter L2									
Inverter L3									
Inverter V1									
Inverter V2									
Inverter V3									
UPS2									
Charger Vdc									
Charger Idc									
Inverter L1									
Inverter L2									
Inverter L3									
Inverter V1									
Inverter V2									
Inverter V3									


Reviewed by (GMSO):

Approved by (Director O&M):


QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM		
	TITLE: Log sheet for Electrical Equipment							
Document No:	QF-SMD-10	Revision No.:	00	Effective Date:	11/11/12	Page:	2	of 2

Date/Eq. name							
Lift Pump							
Start time & Stop Time							
Start time & Stop Time							
Submersible Pump							
Start time & Stop Time							
Start time & Stop Time							
Lighting System							
Security Point							
1st fl.							
2 nd Fl.							
3 rd Fl.							
4 th Fl.							
Stair							
C/R Room							
Server Room							
Split AC							
Server Room							
Control Room							
Inverter Room							
Lift							
Lift 1							
Lift 2							

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AM/DM

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Manager


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Approved by (Director O&M):

QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM			
	TITLE: Log sheet for Air Cooler System								
Document No:	QF-SMD-11	Revision No.:	00	Effective Date:	11/11/12	Page:	1	of	2

Log sheet for Air Cooler System

1. Chilled water Pump (A)

Time	Pump No.	Voltage (360-440)	Ampere(MDB) R, Y, B	Water Discharge Pressere (kg/sqcm)	Discharge valve opening (%)	Remarks
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						
20:00						
21:00						
22:00						
23:00						
24:00						

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AM/DM

(-----)
Manager

Approved by (Director O&M)



QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM			
	TITLE: Log sheet for Air Cooler System								
Document No:	QF-SMD-11	Revision No.:	00	Effective Date:	11/11/12	Page:	2	of	2

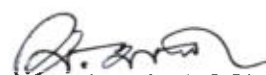
Time	Chiller No.	Voltage (360-440)	Amp. (MDB) R, Y, B	Amb. Temp	Inlet temp.	Outlet temp.	Suction press. of refrig.	Dis. press of refeig	Load(%)	Remarks
01:00										
02:00										
03:00										
04:00										
05:00										
06:00										
07:00										
08:00										
09:00										
10:00										
11:00										
12:00										
13:00										
14:00										
15:00										
16:00										
17:00										
18:00										
19:00										
20:00										
21:00										
22:00										
23:00										
24:00										

2. Chiller

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Manager

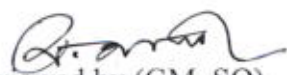

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Approved by (Director O&M)

QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.				QUALITY FORM				
	TITLE: Incident Report								
Document No:	QF-SMD-13	Revision No.:	00	Effective Date:	11/11/12	Page:	1	of	1

Event No.	
Name of the station :	Location:
Name of the equipment:	
Nature of fault:	☐ HW ☐ SW
Message sent to:	
Reporting date:	Closing date:
Reported by:	
Problem summary:	
Action taken:	
Remarks:	

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AM/DM

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Manager


Approved by (Director O&M)

QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM			
	TITLE: Schedule Maintenance Report								
Document No:	QF-SMD-14	Revision No.:	00	Effective Date:	11/11/12	Page:	1	of	1

Date:
Name of the station : Location:
Name of the equipment:
Assigned person:
Description of work:
Spare used for Maintenance: ☐ Yes ☐ No
Part no.
Faulty H/W handed over to store: ☐ Yes ☐ No ☐ N/A
Remarks:

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AM/DM

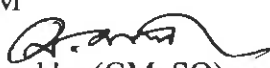
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Manager


Reviewed by (GM, SO)


Approved by (Director O&M)

QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORM			
	TITLE: Breakdown Maintenance Report								
Document No:	QF-SMD-15	Revision No.:	00	Effective Date:	11/11/12	Page:	1	of	1

Reported Date:		
Reported by:		
Reported to:		
Name of the station :	Location:	
Name of the equipment:		
Type of problem :	☐ HW	☐ SW
Incident no:		
Problem summary:		
Action taken:		
Spare used for Maintenance:	☐ Yes	☐ No
Part no.		
Faulty H/W handed over to store:	☐ Yes	☐ No
Closing date:		
Remarks:		

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Reviewed by (GM, SO)

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AM/DM

(-----)
Manager

Approved by (Director O&M)