Power Grid Company of Bangladesh Ltd. Summary of Monthly Management Information System Report <u>January'2011</u>

In the current month total energy import of PGCB is 1996.452Mkwhr, total energy wheeled by PGCB is 1948.613Mkwhr, Transmission loss is 2.40% and cumulative loss in current FY(Upto Jan'11) is 2.67%.

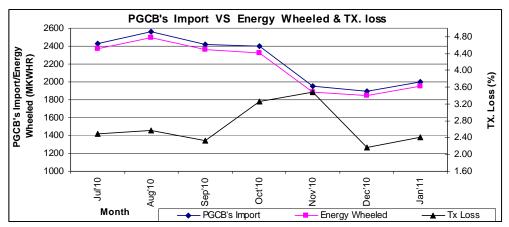
A brief overview on system Generation, Demand, Load shedding and Key Performance Indicators of PGCB is given below;

A) Generation, Demand and Load shedding

1) Generation:

The net Generation (Including IPP, RPP but excluding non Grid Generation) during **January'11** and **December'10** were **1996.452Mkwhr** and **1892.581 Mkwhr** respectively. Gross generation, Net Generation and station use of BPDB's generating units as well as energy purchased from IPP & RPP(Including non grid generation) by BPDB and total Energy Import of PGCB are tabulated below:

Tit 1 (Including non-grid generation) by bir bib and total Energy import of 1 Gob are tabulated below								
	BPDB			Net Gen. (Mkwhr)		Total Net Gen.	Total net Non Grid Generation	Total Input
Month/FY	Gross Gen. (Mkwhr)	Station use (Mkwhr)	Net Gen. (Mkwhr)	IPP	RPP	(BPDB, IPP & RPP) (Mkwhr)	(Mkwhr)	of PGCB (Mkwhr)
	1	2	3=1-2	4	5	6=3+4+5	7	8=6-7
FY 09-10	17072	992	16080	8368	2990	27438	1064	26374
FY 10-11 (Upto Jan'11)	9148.68	498.60	8650.08	5062.24	2870.95	16583.26	931.535	15651.72
Jan'10	1247	74	1173	662	191	2026	69	1957
Dec'10	1034.79	52.81	981.98	671.41	364.20	2017.58	124.999	1892.58
Jan'11	1086.49	58.88	1027.61	664.52	452.91	2145.04	148.582	1996.45



2) Maximum Generation, Demand and Load shedding;

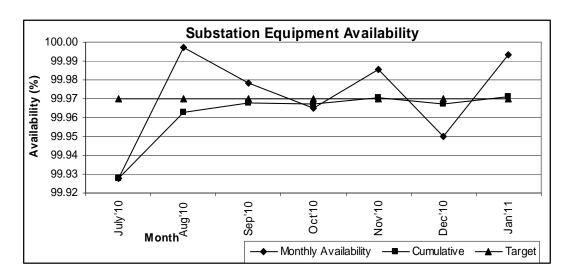
Maximum Generation, maximum Demand and maximum Load Shed for the month of December' 10 & January'11 and FY 10-11(Up to January'11) are shown below:

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	Description	December'10		January'10		FY 10-11 (Upto January'11)	
		MW	Date	MW	Date	MW	Date
	Maximum Generation	3866.50	17.12.2010	3855	17.01.11	4698.50	20.08.10
	Maximum demand	4350.00	02.12.2010	4150	27.01.11	5550.0	13.04.10
	Maximum load shed.	1000.00	01.12.2010	539	24.01.11	1335	11.08.10

B) Key Performance Indicators of PGCB

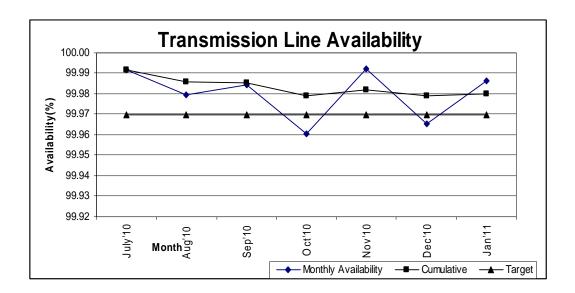
1) Substation Equipment Availability:

In the current month, Substation equipment availability increased from the previous month. In the current month it is **99.9935%** and in the previous month it was **99.9500%**.Cumulative availability upto the current month is **99.9711%**.



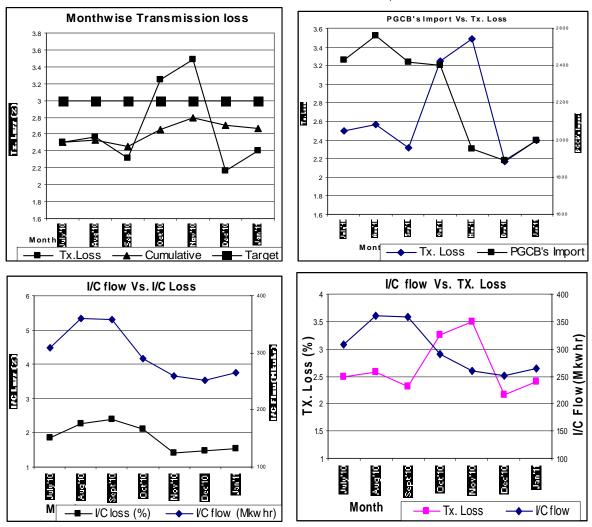
2) Transmission line Availability:

Transmission line availability in the current month also increased slightly from the previous month. In the current month it is **99.9862%** and in the previous month it was **99.9653%**. Cumulative availability up to the current month is **99.9801%**.



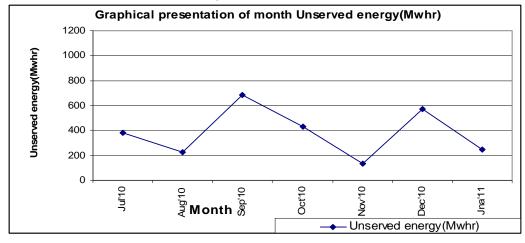
3) Transmission loss:

Transmission loss in the current month increased from the previous month. In the current month it is **2.40**% and in the previous month it was **2.17%.** Cumulative loss upto the current month is **2.67%.** Graphical presentation of Monthwise & Cumulative Transmission loss, PGCB's Import Vs.Tx. loss, I/C flow Vs. I/C loss and I/C flow Vs. Tx. Loss are shown below;



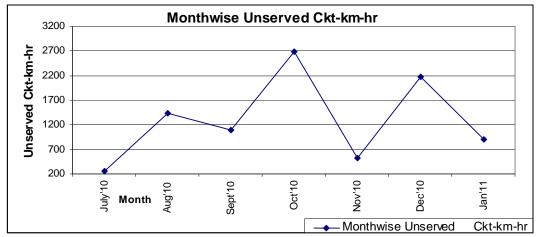
4) Unserved energy:

The amount of Unserved energy in the current month decreased from the previous month. In the current month it is **244.69**Mwhr and in the previous month it was **574.27**Mwhr.



5)Unserved Ckt-Km-hr:

The amount of unserved Ckt-Km-hr in the current month decreased sharply from the previous month. In the current month it is **909.1**Ckt-Km-hr and in the previous month it was **2176.42**Ckt-Km-hr.



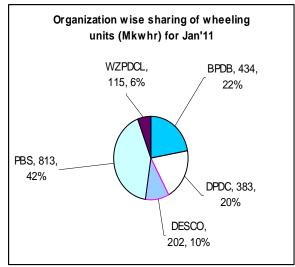
6) Organization wise Energy wheeled:

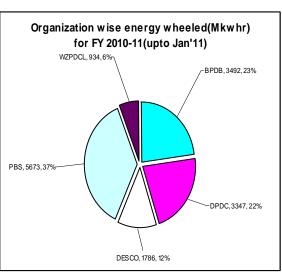
In the current month, total amount of energy wheeled to different distribution agencies has increased by **97.132**Mkwhr from the previous month. In the current month it is **1948.613**Mkwhr.and in the previous month it was **1851.481**Mkwhr.

Energy wheeled to different Distribution agencies in the current month, In the previous month and cumulative upto the current month are shown in the table and graph below:

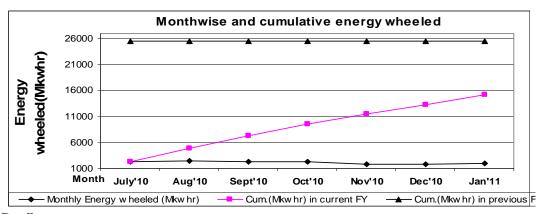
Organization	January'11 (Mkwhr)	December'10 (Mkwhr)	January'10 (Mkwhr)	FY'10-11 (Upto Jan'11) (Mkwhr)	FY'09-10 (Upto Jan'10) (Mkwhr)
BPDB	434.745	431.231	446.883	3491.932	3320.293
DPDC	383.437	387.862	397.420	3347.537	3339.131
DESCO	202.044	204.138	188.403	1786.637	1680.712
PBS	813.524	714.213	767.503	5673.171	5246.179
WZPDCL	114.863	114.037	118.956	934.579	927.525
Total	1948.613	1851.481	1919.165	15233.856	14513.840

Graphical presentation of Organization wise Energy wheeled for the current month and cumulative for current FY2010-11(Upto Jan'11) are shown below;



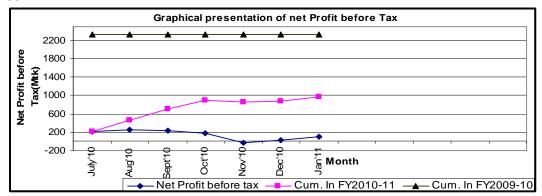


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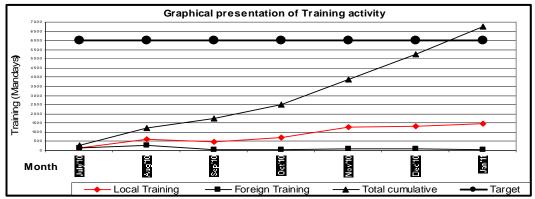
7) Profit statement:

In the current month net profit before tax is **102.256**MTk. against previous month's net profit before tax **18.887**MTk.



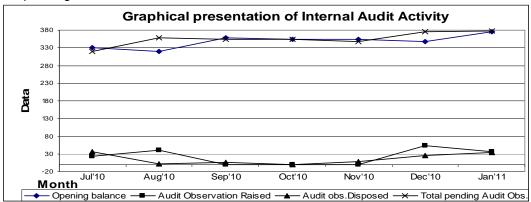
8) Training:

1457Mandays Local training and **45**Mandays foreign trainings are conducted in the current month. So, upto **Jan'11** cumulative local training is **6004**Mandays & cumulative foreign training is **763**Mandays and total cumulative is **6767**Mandays.



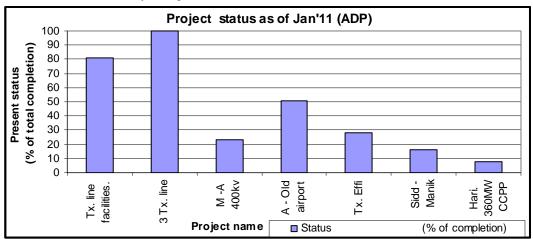
9) Internal Audit:

In the current month opening balance of Internal audit observation is **376**, number of new audit observation raised is **35**, number of audit observation disposed is **34**. Hence, upto reporting month, total number of pending audit observation is **377**.



10) Project status:

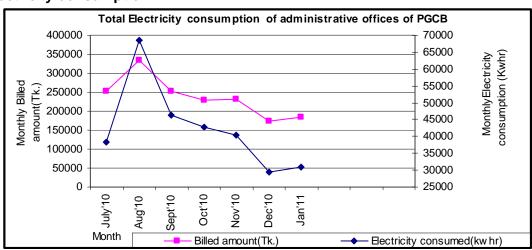
A) Project included in ADP



B) Non ADP Project

Nil

11) Electricity consumption:



Manager M.I.S

Date: 08.05.2011

Memo no: PGCB/M.I.S/2011/

Copy for information;

1) Managing Director, PGCB, Dhaka.

- 2) Director, O&M/P&D/Finance PGCB, Dhaka.
- 3) G.M, Tranmission-1 & 2/Project/P&D/System Operation/P&A/Finance PGCB, Dhaka.
- 4) Company Secretary, PGCB, Dhaka.
- 5) Deputy General Manager, Planning / Design, PGCB, Dhaka.
- 6) Office Copy.

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