Power Grid Company of Bangladesh Ltd. Summary of Monthly Management Information System Report February'2011

In the current month total energy import of PGCB is 1991.369Mkwhr, total energy wheeled by PGCB is 1936.297Mkwhr, Transmission loss is 2.77% and cumulative loss in current FY(Upto Feb'11) is 2.68%.

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

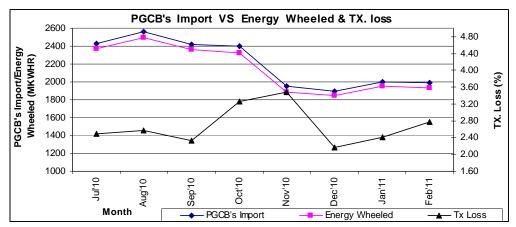
A) Generation, Demand and Load shedding

1) Generation:

The net Generation (Including IPP, RPP but excluding non Grid Generation) during **February'11** and **January'11** were **1991.37Mkwhr** and **1996.45Mkwhr** 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:

non grid generation) by BFDB and total Energy import of FGCB 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 Feb'11)	10321.8	563.9	9757.92	5607.1	3348.31	18713.32	1070.225	17643.09
Feb'10	1262	72	1190	595	247	2032	91	1941
Jan'11	1086.49	58.88	1027.61	664.52	452.91	2145.04	148.582	1996.45
Feb'11	1173.14	65.30	1107.84	544.86	477.36	2130.06	138.69	1991.37



2) Maximum Generation, Demand and Load shedding;

Maximum Generation, maximum Demand and maximum Load Shed for the month of January'11 & and

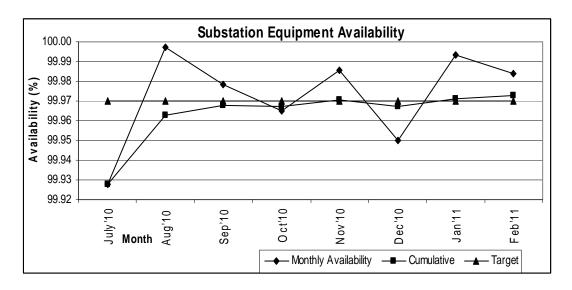
February'11 and FY 10-11(Up to February'11) are shown below;

Description	January'11		February'11		FY 10-11 (Upto February'11)	
	MW	Date	MW	Date	MW	Date
Maximum Generation	3855	17.01.11	4164.70	18.02.11	4698.50	20.08.10
Maximum demand	4150	27.01.11	4850.00	27.02.11	5550.0	13.04.10
Maximum load shed.	539	24.01.11	909	23.02.11	1335	11.08.10

B) Key Performance Indicators of PGCB

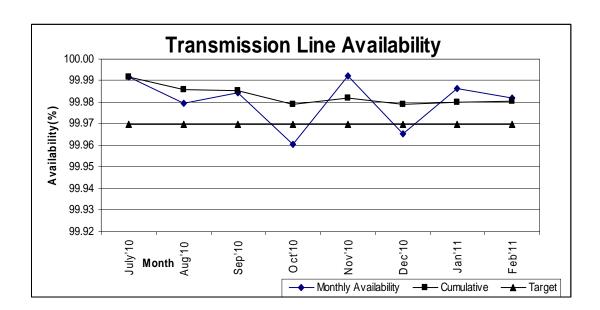
1) Substation Equipment Availability:

In the current month, Substation equipment availability decreased slightly from the previous month. In the current month it is **99.9840**% and in the previous month it was **99.9935**%. Cumulative availability upto the current month is **99.9727**%.



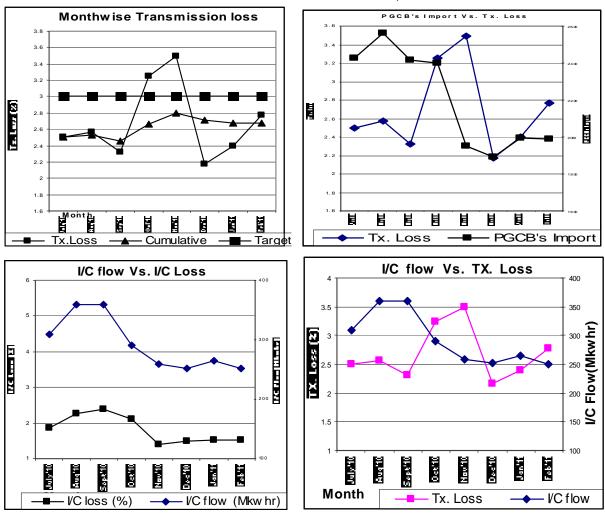
2) Transmission line Availability:

Transmission line availability in the current month also decreased slightly from the previous month. In the current month it is **99.9818%** and in the previous month it was **99.9862%**. Cumulative availability up to the current month is **99.9803%**.



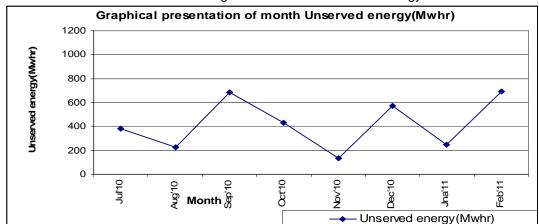
3) Transmission loss:

Transmission loss in the current month increased from the previous month. In the current month it is **2.77%** and in the previous month it was **2.40%**. Cumulative loss upto the current month is **2.68%**. 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;



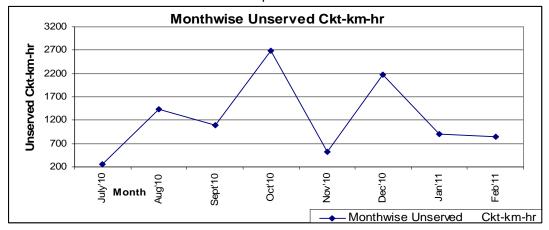
4) Unserved energy:

The amount of Unserved energy in the current month increased from the previous month. In the current month it is **689.17**Mwhr and in the previous month it was **244.69**Mwhr.Full interruption at Hasnabad and Shyampur grid sub-stations due to tripping of Meghnaghat – Hasnabad 230kV both circuits are the main reasons for increasing the amount of Unserved energy in the current month.



5)Unserved Ckt-Km-hr:

The amount of unserved Ckt-Km-hr in the current month decreased from the previous month. In the current month it is **853.62**Ckt-Km-hr and in the previous month it was **909.1**Ckt-Km-hr.



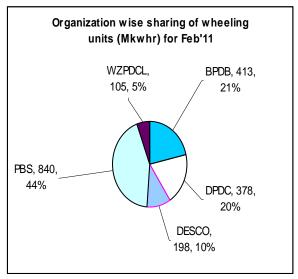
6) Organization wise Energy wheeled:

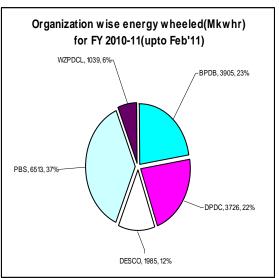
In the current month, total amount of energy wheeled to different distribution agencies has decreased by 12.316Mkwhr from the previous month. In the current month it is 1936.297Mkwhr.and in the previous month it was 1948.613Mkwhr.

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:

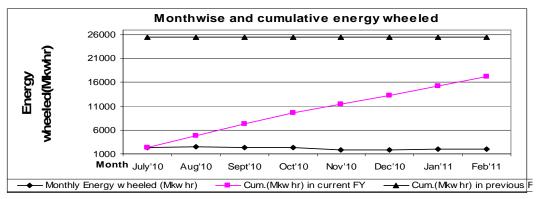
Organization	February'11	January'11 (Mkwhr)	February'10 (Mkwhr)	FY'10-11 (Upto Feb'11) (Mkwhr)	FY'09-10 (Upto Feb'10) (Mkwhr)
BPDB	413.501	434.745	405.734	3905.433	3726.027
DPDC	378.823	383.437	373.876	3726.360	3713.007
DESCO	198.464	202.044	182.807	1985.101	1863.519
PBS	840.441	813.524	809.411	6513.612	6055.590
WZPDCL	105.068	114.863	110.237	1039.647	1037.762
Total	1936.297	1948.613	1882.065	17170.153	16395.905

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



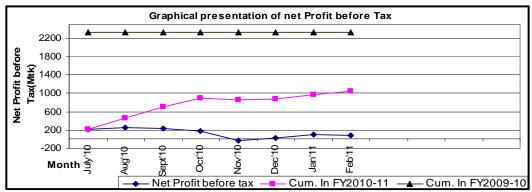


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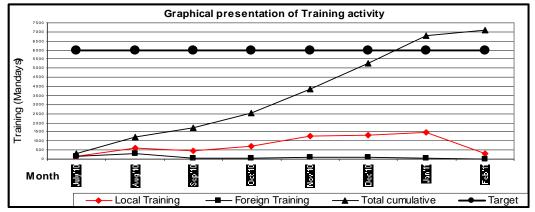
7) Profit statement:

In the current month net profit before tax is **77.198**MTk. against previous month's net profit before tax **102.256**MTk.



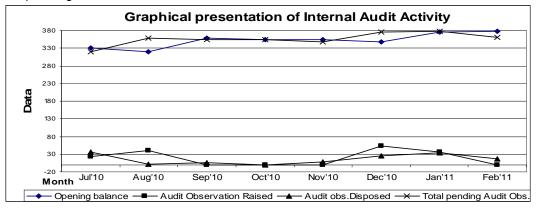
8) Training:

318Mandays Local training and **16**Mandays foreign trainings are conducted in the current month. So, upto **Feb'11** cumulative local training is **6322**Mandays & cumulative foreign training is **779**Mandays and total cumulative is **7101**Mandays.



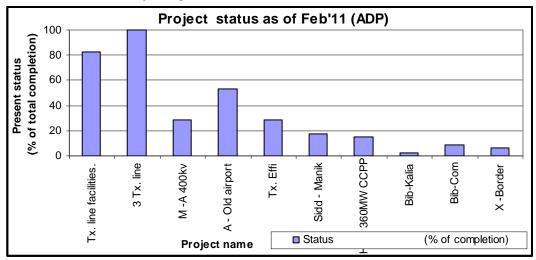
9) Internal Audit:

In the current month opening balance of Internal audit observation is **377**, number of new audit observation raised is **00**, number of audit observation disposed is **16**. Hence, upto reporting month, total number of pending audit observation is **361**.



10) Project status:

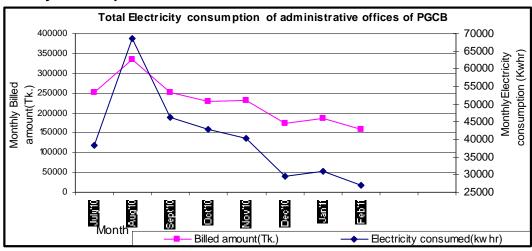
A) Project included in ADP



B) Non ADP Project

Nil

11) Electricity consumption:



Manager M.I.S

Date: 24.05.2011

Memo no: PGCB/M.I.S/2011/2332

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.