

**PETITION FOR ANNUAL REVENUE REQUIREMENT
FOR THE FINANCIAL YEARS 2007-08 TO 2009-10**

And

TARIFF PROPOSAL FOR THE FINANCIAL YEAR 2007-2008

Submission of Text and Affidavit

To

Assam Electricity Regulatory Commission

By

**Assam Electricity Grid Corporation Limited
Bijulee Bhawan, Paltanbazar
Guwahati-781 001**

BEFORE THE ASSAM STATE ELECTRICITY REGULATORY
COMMISSION, GUWAHATI.

Petition No. –

Case No.
(to be filed by the Office)

IN THE MATTER OF
Filing of Annual Revenue Requirement
Proposal for the years 2007-08 to 2009-10

AND

Petition for Determination of Tariff
For the year 2007-2008

AND

IN THE MATTER OF
Assam Electricity Grid Corporation Limited
Bijulee Bhawan, Paltanbazar,
Guwahati-781 001.

Petitioner

I, _____ son of Shri
_____ aged _____ years residing at _____
do solemnly affirm and say as follows:

I am the _____ of Assam Electricity Grid Corporation Limited, the
petitioner in the above matter and am duly authorized by the said Petitioner to make this
affidavit for and on behalf of the Assam Electricity Grid Corporation Limited.

The Statement made in the Petition based on information received from official records and I
believe them to reflect truly and no material has been concealed from the statements so made
or documents or supporting data etc. attached.

Solemnly affirm at Guwahati on _____th day of _____ 2007 that the contents of
this affidavit are true to my knowledge, no part of it is false or no material has been concealed
therefore and misleading material included therein.

Place: Guwahati

Date _____

Deponent

By order of the Commission

Secretary of the Commission

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Glossary

Acronym	Full form
A&G	Administrative and General
AAD	Advance Against Depreciation
ABC	Aerial Bunched Conductors
ABT	Availability Based Tariff
ADB	Asian Development Bank
AEGCL	Assam Electricity Grid Corporation Limited
AERC	Assam Electricity Regulatory Commission
AMR	Automated Meter Reading
APDRP	Accelerated Power Development and Reforms Program
APERC	Andhra Pradesh Electricity Regulatory Commission
APGCL	Assam Power Generation Corporation Limited
APTRANSCO	Andhra Pradesh Transmission Company
ARR	Annual Revenue Requirement
ASEB	Assam State Electricity Board
AT&C	Aggregate Technical and Commercial
BST	Bulk Supply Tariff
CAEDCL	Central Assam Electricity Distribution Company Limited
CAGR	Compounded Annual Growth Rate
CEO	Chief Executive Officer
CMRI	Common Meter Reading Instrument
CT/PT	Current Transformer/Potential Transformer
DPS	Delayed Payment Surcharge
DTRs	Distribution Transformers
EE	Executive Engineer
FAS	Fuel Adjustment Surcharge
FY	Financial Year
GEC	Guwahati Electrical Circle
GoA	Government of Assam
GoI	Government of India
GPRS	General Packet Radio Service
GSM	Global System for Mobile Communication
HHM	Hand Held Machines
HT	High Tension
HVDS	High Voltage Distribution System
IAS	Import Adjustment Surcharge
IRCA	Industrial Revenue Collection Area
KV	Kilo Volt
KVA	Kilo Volt Ampere
KW	Kilo Watt
KWH	Kilo Watt Hour
LAEDCL	Lower Assam Electricity Distribution Company Limited
LT	Low Tension
MCAGR	Modified Compounded Annual Growth Rate
MCBS	Miniature Circuit Breaker
MIS	Management Information Systems
MMSCMD	Measured Million Standard Cubic Meter per day
MOU	Memorandum of Understanding
MRI	Meter Reading Instruments

Acronym	Full form
MU	Million Unit
NERLDC	North East Region Load Despatch Centre
NLCPR	Non-Lapsable Central Pool of resources
O/H	Over Heads
PGCIL	Power Grid Corporation of India Limited
ph	Phase
PIS	Performance Incentive Scheme
PLC	Power Line Carriers
PLF	Plant Load Factor
PMGY	Prime Minister Gramudyog Yojana
PSTN	Public Switch Telephone Network
R&M	Repairs and Maintenance
RE	Rural Electrification
MNP	Minimum Needs Program
RGVY	Rajiv Gandhi Grameen Viduytikaran Yojana
Rs	Rupees
RST	Retail Supply Tariff
RTU	Remote Terminal Unit
SBM	Spot Billing Machine
SC	Scheduled Caste
SCCP	Scheduled Caste Component Plan
SDE	Sub-Divisional Engineer
SEBs	State Electricity Boards
SMEC	Snowy Mountains Engineering Corporation Limited
ST	Scheduled Tribe
T&D	Transmission and Distribution
T.C.	Transportation Cost
TCS	Tata Consultancy Services Limited
TOU	Time of Use
TSP	Tribal Sub-Plan
UAEDCL	Upper Assam Electricity Distribution Company Limited
UoM	Unit of Measurement
US	United States
V	Volt
YOY	Year-on-Year

BEFORE THE HON'BLE ASSAM ELECTRICITY REGULATORY COMMISSION

FILING NO.

CASE NO.

IN THE MATTER OF:

Petition for the approval of the Annual Revenue Requirement for the period from 1 April 2007 to 31 March 2010 and the approval of the proposal for revision of the transmission tariffs for the Assam Electricity Grid Corporation Limited (AEGCL) for the period 1 April 2007 to 31 March 2008

AND

IN THE MATTER OF:

Assam Electricity Grid Corporation Limited incorporated under the provisions of the Companies Act, 1956 and having its registered office in the State of Assam

THE HUMBLE APPLICANT ABOVE NAMED MOST RESPECTFULLY SHEWETH:

1. That the Assam Electricity Grid Corporation Limited, hereinafter named as AEGCL, is a successor corporate entity, formed in pursuant to the notification of the Government of Assam, notified under sub-sections (1), (2), (5), (6) and (7) of Section 131 and Section 133 of the Electricity Act 2003 (Central Act 36 of 2003), for the purpose of transfer and vesting of functions, properties, interests, rights, obligations and liabilities, along with the transfer of Personnel of the Board to the successor corporate entities.
2. That the Assam Electricity Grid Corporation Limited is a company incorporated with the main object of undertaking electricity transmission in the state of Assam as State Transmission Utility (STU).
3. That the Assam Electricity Grid Corporation Limited is a deemed licensee under the provisions laid down in Section 14 Proviso 5, read with Section 131 (2) of the Electricity Act 2003.
4. That the licensee is now filing the petition for the approval of its Annual Revenue Requirement for the financial years 2007-08 to 2009-10 and proposal for the approval of wheeling charges for the financial year 2007-08

(PETITIONER)

NOTES:

In this petition:

Previous Year is defined as the Financial Year (FY) 2005-2006

Current Year is defined as the Financial Year (FY) 2006-2007

Ensuing Years are defined as the Financial Years (FY) 2007-2008 to 2009-2010

1. Legal and Regulatory Framework

- 1.1 Under the provisions of Electricity Act 2003 (hereinafter referred to as “Electricity Act”) the Assam Electricity Reforms First Transfer Scheme, 2004 (hereinafter referred to as “Transfer Scheme”) was notified by Government of Assam on 10th December 2004. Under Section 5 (2) of the transfer scheme the functions and undertakings as set out in schedule-B of the transfer scheme stands transferred to Assam Electricity Grid Corporation Limited (AEGCL).
- 1.2 Section 14 of the Electricity Act 2003 provides “...Provided that any person engaged in the business of transmission or supply of electricity under the provisions of the repealed laws or any Act specified in the Schedule on or before the appointed date shall be deemed to be a licensee under this Act...” Hence, AEGCL is the deemed transmission licensee for the State of Assam.
- 1.3 Section 62 of the Electricity Act 2003 requires the licensee to furnish details as may be specified by the Commission for determination of tariff.
- 1.4 Section 5, 6 & 7 of A. E. R. C. (Terms and conditions for determination of Tariff) Regulations 2006 lays down the following:

“.....

5. Periodicity of tariff determination

.....

5.2 Subject to other provisions of these Regulations, the expenses allowed to be recouped for any financial year, shall be subject to adjustments in any tariff to be fixed for the subsequent period, if the Commission is satisfied, that such adjustments for the excess amount or shortfall in the amount actually realized or expenses incurred is necessary and the same is not on account of any reason attributable to the licensee

5.3 In accordance with the principle of multi-year tariffs, the Commission shall define the periodicity for tariff determination that will apply for a number of years during a control period as follows

<i>Function</i>	<i>Control Period</i>
<i>Generation</i>	<i>5 years from 1 April 2006</i>
<i>Transmission</i>	<i>3 years from 1 April 2006</i>
<i>Distribution</i>	<i>3 years from 1 April 2006</i>

Note: For example if the Tariff determination period is 2006-07, the Control Period shall be 2006-07, 2007-08 and 2008-09

6. Petition for determination of tariff

6.1 The licensee and generating company may file a tariff petition annually with the Commission to determine changes to the current tariff by not later than 1st December unless an extension is granted by the Commission upon application.....

7. Petition for determination of MYT

.....

7.2 The licensee and generating company shall also submit financial information for the previous year and forecasts for current year, ensuing year and the years upto the end of the control period as given below:

(a) Actual audited data of the last financial year (e.g 2004-05 if year one of control period is 2006-07) and if the same is not audited the audited data of the latest financial year accompanied by unaudited data of the subsequent years.

(b) Current Year's estimates

(c) Projections for the control period years e.g 2006-07 and 2007-08, 2008-09

“

In a subsequent meeting with the AERC, it was clarified that the control period for generation would also be 3 years. The control period for all licensees and generating company would be from April 1, 2007 to March 31, 2010 i.e. FY 08, FY 09 and FY 10

1.5 AEGCL has come into being on 10th December 2004. The petitioner has prepared the ARR for FY 2007-08 to FY 2009-10 and Tariff proposal for FY 2007-08 for the area of operation of AEGCL and submits the same to AERC.

1.6 *The Annual Accounts 2005-06 of ASEB and five successor companies have been prepared based on the numbers of updated Opening Balance Sheet (as on 01-04-2005) in terms of 5(c) of the Transfer Scheme of GOA vide order No. PEL/151/2003/Pt/349 Dtd. 16th August, 2005. The provisional Annual Accounts of ASEB and its five successor companies are to be furnished.*

In terms of Final Transfer Scheme approved by GOA the Final Opening Balance Sheet of the Successor Companies would be as on April 01, 2005. Further, Clause 5(c) of GOA notification No. PEL/151/2003/Pt/349 Dtd. 16th August, 2005 states that "The Opening Balance Sheet (OBS) as per Schedule I to VI to this order have been prepared based on the approved accounts of Assam State Electricity Board as on 31st March, 2004 and such opening balance sheets shall all be subject to all consequential adjustments on the update, finalization and audit of accounts of ASEB as on 31st March, 2005."

The Annual Accounts of ASEB for the year 2004-05 was finalized, and considered/approved by the Board vide Resolution No. 12 dated 19-11-2005. The statements of Accounts have subsequently been audited and audit report and audit certificate has been obtained from C& A.G.

The OBS as notified in final transfer scheme have been updated for the transaction related to the financial year 2004-05 with the help of ADB consultant. The Board vide resolution No. 5 dated 12-07-2006 have approved the updated OBS of ASEB and its successor entities as on 01-04-2005 and approved the following:-

"The OBS of the 5(Five) ASEB successor entities and the BS of the Residual ASEB as on 1st April, 2005 in terms of the Board Resolution No. 1 of 31-05-2005. The said OBS be forwarded to Government of Assam for approval and notification. The OBS shall be accompanied by a copy of the Agenda Note in order to explain the methodology and principles followed in this respect"

Accordingly the OBS of ASEB and its successor companies as on 01-04-2005 are forwarded to the Government of Assam for approval and notification.

1.7 The status of the various data formats and forms, as required by the Hon'ble Commission, is furnished in **Annexure III**

2. Review of performance in FY 05-06

2.1. Operations

The company has been able to handle more energy as the loss in the system was managed to within reasonable limits of 6.5%.

2.2. Financial Position

The company has prepared its provisional accounts for the year FY 05-06 and has adjusted certain numbers based on the final transfer scheme. These accounts are being presented to the statutory auditors and the audited numbers would be filed with the AERC in due course.

The AERC has proposed a two stage corrections to the companies as the tariff orders are notified ahead of actual numbers. The first correction is usually based on the provisional numbers and the second correction is to be based on the final audited numbers. Hence the company proposes to await the final audited numbers prior to asking for Regulatory true up of its operations.

Table 1: Profit and Loss Account – FY 06

	Rs Crores
Power Purchase	05-06
Energy Available at interface point (MU)	3,484.42
Sale of Power (MU)	3258.17
Loss %	6.49%
INCOME	
Revenue from tariffs & Miscell. Charges	51.54
EXPENDITURE	
PGCIL Charges & NERLDC charges	-
Repairs & Maintenance Expenses	7.84
Employee Expenses	41.19
Administration & General Expenses	1.76
Depreciation	1.24
Interest & Finance Charges	14.04
Less: Interest & other expenses capitalised	-
Other Debits	0.13
Extraordinary Items	-
Other (Misc.)-net prior period credit	0.59
Total	66.78
Return on Equity	-
Other Income	14.29
Provision for taxes	(0.09)
Annual Revenue Requirement	52.40
Surplus(+) / Shortfall(-)	(0.85)

3. Review of performance in FY 06-07

3.1. Operations

The system handled more energy (as the trade was less) and the energy was sold in the state. Even though the energy increased, due to commissioning of new lines, transformers, load was

better managed and hence losses were reduced by ~2%. The details are presented in the chapter under efficiency improvement.

3.2. Allocation of assets, liabilities and expenses to different voltages

Table2: Allocation of assets, liabilities and expenses to different voltages

		SLDC	Wires	400 kV	220 kV	within wies		66 kV
						132 kV		
Share Capital	99.93	0%	100%	0%	31%	55%		13%
Total Loan funds	115.20	Individual Loans						
Gross Block	584.90	Individual category of assets						
Cash & Bank Balances	7.04	1%	99%	0%	31%	55%		13%
R&M Expense	7.84	1%	99%	0%	31%	55%		13%
Employee Expenses	41.19	1%	99%	0%	31%	55%		13%
A&G Expense	1.76	1%	99%	0%	31%	55%		13%
Depreciation	1.24	1%	99%	0%	31%	55%		13%
Interest & Finance Charges	14.04	1%	99%	0%	31%	55%		13%
Other Debits (incl. Prov for Bad debts)	0.13	1%	99%	0%	31%	55%		13%
Extraordinary Items	-	1%	99%	0%	31%	55%		13%
Other (Misc.)-net prior period credit	0.59	1%	99%	0%	31%	55%		13%

3.3. Income and Expenditure estimation

The income and expenditure for the company has been derived from the following assumptions.

Income has been based on the expected generation (as detailed above) and is based on the actual position of generation upto January 07 and the projections for the subsequent two months.

In case of expenses, the actual expenditure for the first 6 months was collected and for the balance 6 months, these were extrapolated using the certain key assumptions.

Other debits include the Provision for bad and doubtful debts as allowed by the AERC.

3.3.1. Assumptions

Table 3: Assumptions for various heads – FY 07 – I

			06-07
Inflation			
ST PLR - SBI as of April 1,06			9.50%
Repairs & Maintenance Expense			20%
Employee Expenses			10%
Administartion & General Expense			6%
Return on Equity			14%
Other Income			1%
Provision for taxes			33.67%
Current Assets - per Actual			
Operation & Maintenance expenses	Of the annual amount		8.33%
Maintenance spares	1% of GFA	1%	6%
Receivables Against Sale Of Power	Of the annual amount		8.33%
Current Assets - per AERC			
O&M expenses	Of the annual amount		8.33%
Maintenance spares	1% of GFA	1%	6%
Receivables Against Sale Of Power	Of the annual amount		16.67%
PGCIL charges Payable			4.11%
Depreciation Rates applicable for		Average Rates (base)	
Land & Rights		0.00%	
Building		2.16%	
Hydraulic		2.57%	
Other Civil Works		1.80%	
Plant & Machinery		3.60%	
Lines & Cable Net work		3.09%	
Vehicles		18.00%	
Furniture& Fixtures		6.00%	
Office Equipment		6.00%	
Capital Spares at Generating Stations		0.00%	
Cap of Asset Value		90%	

Table 4: Assumptions for various heads – FY 07 – II

Loan Rates			
Instituion			10.50%
Loan Repayments (as per Resources Plan)			
Govt Loan			10%
Public Bond	Rs crores		4.30
Terminal Benefit assumption			
Past liability special charge as per TO 07	paise/ kWh		8.2
Units sold to Discoms			3545.486
Terminal Benefits outflow			29.07
Interest rate for Investment income			6.5%
Depooling income			
Mu	6033.303	6334.968	
% increase			5%
Rae - Rs/ kWh	0.0207	0.0089	
Rs crores			5.61

Table 5: Assumptions for various heads – FY 07 – III

	Rs Crores
Capital Expenditure	06-07
SCADA	20.25
Equit/ Grant	-
Loan	0.30
Transmission Lines	91.98
Equit/ Grant	-
Loan	34.92
Sub-Stations	64.60
Equit/ Grant	-
Loan	6.46
Terminal Bays	-
Equit/ Grant	-
Loan	-
Augmentation of Sub-stations	5.50
Equit/ Grant	-
Loan	0.55
Others	35.50
Equit/ Grant	-
Loan	3.55
Total	217.83
Equit/ Grant	-
Loan	45.79

The following tables highlights the individual details of each expense based on the assumptions set above.

3.3.2. Repairs & Maintenance

Table 6: Repairs and Maintenance – FY 07

	Rs crores	
	05-06	06-07
Plant & Machinery	4.20	5.04
Buildings	0.84	1.00
Civil Works	0.01	0.02
Hydraulic Works	0.40	0.48
Lines, Cable Networks	2.10	2.52
Vehicles	0.20	0.24
Furniture & Fixture	0.02	0.03
Office Equipment	0.06	0.07
Total :	7.84	9.40

The above head includes a provision for insurance of assets, which is currently being evaluated.

3.3.3. Employee Expenses

Table 7: Employee expenses for FY 07

	Rs crores	
	05-06	06-07
Salaries	18.79	20.67
Overtime	1.36	1.50
Dearness Allowance	11.27	12.40
Other Allowances	2.71	2.99
Bonus	0.01	0.01
Medical Allowances	0.09	0.10
Leave Travel Assistance	0.03	0.03
Earned Leave Encashment	-	-
Workmen Compensatory Payment	-	-
Other Staff Cost	0.00	0.00
Staff Welfare Expenses	0.06	0.07
Terminal Benefits (inclddg spl pass through)	6.85	36.61
Sub Total :	41.19	74.38
Less : Capitalisation	-	-
Total :	41.19	74.38

Current year increase in employees costs are due to merger of DA into Basic pay effected during December 06 as well as normal hike due to pay increases etc. estimation includes terminal liabilities to be funded.

Details of actual funding of terminal liabilities are depicted in Annexure-IV.

3.3.4. Administration & General Expenses

Table 8: Administration & General Expense – FY 07

	Rs Crores	
	05-06	06-07
Rent, Rates & Taxes	0.08	0.08
Insurance	0.09	0.10
Telephone Charges	0.22	0.23
Postage & Telegram	0.01	0.01
Legal Charges	(0.04)	(0.04)
Audit Fees	0.00	0.00
Consultancy Charges	0.00	0.00
Technical Fees	0.00	0.00
Conveyance & Travel Charges	0.00	0.00
Other Expenses	0.98	1.04
Freight	0.26	0.27
Outsourcing of Billing and Meter Reading	0.00	0.00
Other Purchase related expenses	0.15	0.16
Sub Total :	1.74	1.85
Less : capitalised	-	-
Total :	1.74	1.85

Administration and General expense (based on the past trend) is expected to increase by 6% for the year over the base for FY 06.

3.3.5. Other Income

Table 9: Other Income – FY 07

	Rs crores	
	05-06	06-07
Interest on Staff Loans and advances	1.54	1.55
Income from Investment	12.51	12.63
Interest on Loan & advances to licenses	0.24	0.25
Investment Income	-	5.21
Depooling of PGCIL Transmission Charges	-	5.61
Miscellaneous Recoveries (Transformer etc)	-	-
Total :	14.29	25.26

Other income includes interest on investments parked by the company at an average rate of 6.5% only. Depooling income based on the recent data received by the company and the rates are given in assumptions.

3.3.6. Depreciation

Table 10: Depreciation

	Rs crores
	06-07
Land & Rights	-
Building	0.37
Hydraulic	0.07
Other Civil Works	0.03
Plant & Machinery	3.89
Lines & Cable Net work	14.40
Vehicles	0.09
Furniture & Fixtures	0.11
Office Equipment	0.04
Capital Spares at Generating Stations	-
Total	19.00

Depreciation has been calculated using the schedule as prescribed by the AERC (attached to the AERC Terms and Conditions for determination of tariff 2006). Analysis of the trial balance under each function head has been carried out and the weighted average rate has been calculated and used for calculations. Depreciation on assets commissioned in a year is charged at the average balance for the year (since they could be commissioned at different dates).

Detailed assessment has been carried out on the opening loan balances, interest payable on them as well as the principle repayments associated with them. Interest on loans borrowed for capital investment is capitalised till the assets are put to use. Interest also includes a component for the normative working capital as set out the AERC. The interest has been computed at the assumed Short Term PLR rate of SBI at beginning of the financial year.

In case of years, where the depreciation charge is not adequate for debt servicing, then advance against depreciation has been calculated and added to the depreciation rate. Should this also prove inadequate, then a separate cash charge has been requested to ensure that the Company has adequate funds for debt servicing.

3.3.7. AAD Calculations

In case of years, where the depreciation charge is not adequate for debt servicing, then advance against depreciation has been calculated and added to the depreciation charge should this also prove inadequate, then a separate cash charge has been requested to ensure that the Company has adequate funds for debt servicing.

Table 11: AAD for FY 07

	Rs Crores
	06-07
Original depreciation	- 19.00
AAD	-
Additional for debt servicing	-
Total	19.00

3.3.8. Interest & Financing charges

Table 12: Interest & Financing Charges – FY 07

	Rs Crores
	06-07
Interest & Financing charges	
Existing Loans	12.45
New Loans	4.57
Other finance charges	5.83
Interest on Working capital per AERC	4.97
Sub Total	27.83
Less: Interest capitalised	2.51
Total	25.32

Table 13: Interest on Normative working capital per AERC directives – FY 07

	Rs Crores
	06-07
Working Capital as per AERC	
One month fuel cost	-
One month approved O&M cost	7.14
Maintenance Spares-1% of GFA	13.02
Two month Receivables	32.17
Total	52.33
Interest @	4.97

Based on the above details, the current position of the company for the year ending FY 07 is presented below.

3.3.9. Profit & Loss account

Table 14: Profit and Loss Account – FY 07

	Rs Crores
Power Purchase	06-07
Energy Available at interface point (MU)	3,791.96
Sale of Power (MU)	3,545.49
Loss %	6.50%
INCOME	
Revenue from tariffs & Miscell. Charges	193.02
EXPENDITURE	
PGCIL Charges & NERLDC charges	113.37
Repairs & Maintenance Expenses	9.40
Employee Expenses	74.38
Administration & General Expenses	1.86
Depreciation	19.00
Interest & Finance Charges	27.83
Less: Interest & other expenses capitalised	2.51
Other Debits	1.41
Extraordinary Items	-
Other (Misc.)-net prior period credit	-
Total	244.76
Return on Equity	5.64
Other Income	25.26
Provision for taxes	-
Annual Revenue Requirement	225.14
Surplus(+) / Shortfall(-)	(32.12)

The income for the current year is based on the quantity generated at the rates as approved in the Tariff Order for FY 07. The company is expected to be at a loss level that is almost comparable to the previous year (where there is no Return of Equity). The following table sets out the position of the company vis-à-vis the approved numbers as per the Tariff Order for FY 07.

3.3.10. Comparison with Tariff order FY 07

Table 15: FY 07 Position as compared to Tariff Order

	Tariff Order	Rs Crores
Power Purchase	06-07	06-07
Energy Available at interface point (MU)	3,559.370	3,791.96
Sale of Power (MU)	3,328.010	3,545.49
Loss %	6.50%	6.50%
INCOME		
Revenue from tariffs & Miscell. Charges	181.18	193.02
EXPENDITURE		
PGCIL Charges & NERLDC charges	101.88	113.37
Repairs & Maintenance Expenses	6.25	9.40
Employee Expenses	70.47	74.38
Administration & General Expenses	1.90	1.86
Depreciation	0.92	19.00
Interest & Finance Charges	3.51	27.83
Less: Interest & other expenses capitalised		2.51
Other Debits		1.41
Extraordinary Items		-
Other (Misc.)-net prior period credit		-
Total	184.93	244.76
Return on Equity	5.64	5.64
Other Income	9.39	25.26
Provision for taxes		-
Annual Revenue Requirement	181.18	225.14
Surplus(+) / Shortfall(-)	-	(32.12)

Due to higher energy handled the company was able earn more income (based on a single part tariff).

On expenses, the PGCIL charges as included in the ARR of the company, has increased by Rs 12.5 crores. This is beyond the control of the company and needs to be allowed as a pass through.

Further, the company likes to submit that PGCIL charges should be delinked from its ARR and either included in that of single buyer (ASEB Trader) or with Distribution companies, as the Transmission agreement would be entered by them.

Similarly, the ULDC/ NERLDC charges are to be paid by those who schedule the energy (and in this case, it is the single buyer viz ASEB) and hence should be included therein.

Inclusion of these PGCIL charges shows a higher transmission rate and this vitiates comparable company analysis, especially by independent agencies such as consumers forum, associations, institutions.

The employee costs for the year is expected to increase because of the DA merger in to Basic in December 06 and this is also beyond the control of the company. The company requests AERC to consider the same for pass through.

Interest charges include the interest on normative working capital of ~ Rs 5 crores. It also includes interest on new loans for the commissioning of assets and hence allowable for a pass through in the tariff. Similarly, since new assets have been commissioned during the year, the depreciation charge is higher and to be considered for a pass through in the tariff.

4. Projected ARR for FY 07-08 to FY 09-10

4.1. Multi- year framework

As per the Terms and conditions for filing this ARR, AERC has introduced (following the National Tariff Policy) of introducing multi-year regime of tariff fixation principles. Under this regime, we understand that certain expenses would be deemed to “controllable” by the company and hence negative deviation would be to the loss of the company. Similarly, the positive effect can be retained largely with the company (as propounded in the National Tariff Policy) and the spill over would be to the gain of the consumer.

However, under the Terms and conditions of the Tariff regulations 2006, the company is to file for the review of tariff every year. In a current situation like the one facing the company (poor gas availability, price of gas being either too fixed or too floating, vintage plants with large requirements of R&M expenses, legacy issues in terms of other productivity measures) annual tariff fixation would be of great help in ensuring that the costs are recovered without time delays.

It may be worthwhile for the AERC to also propose a shorter duration mechanism of allowing for power purchase quantum variation (caused by the change in thermal-hydel mix) as well as the fluctuations in the fuel price.

Even as per the National Tariff Policy, such “uncontrollable” items should be allowed to be recovered within very short term so as to ensure that the financial viability of the company is not harmed.

4.2. Assumptions

Similar assumptions, as listed for the year FY 07, ARR for FY 07-08 to FY 09-10 (the three years for which ARR is requested to be presented) are used on a rolling base of the previous year. This ensures that the inflationary trend is adjusted and the company is not adversely affected.

The detailed assumptions are listed below. In case of employee expenses, it is expected that by the year FY 08-09 there would be a pay revision and hence an expected 30% increase has been considered for that year.

Table 16: Assumptions for FY 07-08 to FY 11-12 - I

		07-08	08-09	09-10
Inflation		6%	6%	6%
ST PLR - SBI as of April 1,06		9.50%	9.50%	9.50%
Repairs & Maintenance Expense		6%	6%	6%
Employee Expenses		10%	30%	10%
Administartion & General Expense		6%	6%	6%
Return on Equity		14%	14%	14%
Other Income		1%	1%	1%
Provision for taxes		33.67%	33.67%	33.67%
Current Assets - per Actual				
Operation & Maintenance expenses	Of the annual amount	8.33%	8.33%	8.33%
Maintenance spares	1% of GFA 1%	6%	6%	6%
Receivables Against Sale Of Power	Of the annual amount	8.33%	8.33%	8.33%
Current Assets - per AERC				
O&M expenses	Of the annual amount	8.33%	8.33%	8.33%
Maintenance spares	1% of GFA 1%	6%	6%	6%
Receivables Against Sale Of Power	Of the annual amount	16.67%	16.67%	16.67%
PGCIL charges Payable		4.11%	4.11%	4.11%
Depreciation Rates applicable for		Average Rates (based on AERC's Schedule)		
Land & Rights		0.00%		
Building		2.16%		
Hydraulic		2.57%		
Other Civil Works		1.80%		
Plant & Machinery		3.60%		
Lines & Cable Net work		3.09%		
Vehicles		18.00%		
Furniture& Fixtures		6.00%		
Office Equipment		6.00%		
Capital Spares at Generating Stations		0.00%		
Cap of Asset Value		90%		

Table 17: Assumptions for FY 07-08 to FY 11-12 - II

		07-08	08-09	09-10
Loan Rates				
Institution		10.50%	10.50%	10.50%
Loan Repayments (as per Resources Plan)				
Govt Loan		10%	10%	10%
Public Bond	Rs crores	0.00	18.44	0.00
Terminal Benefit assumption				
Past liability special charge as per TO 07	paise/ kWh	20	8.2	8.2
Units sold to Discoms		3875.653	4312.945	4848.378
Terminal Benefits outflow		77.51	35.37	39.76
Interest rate for Investment income		6.5%	6.5%	6.5%
Depooling income				
Mu	6033.303	6651.717	6984.302	7333.518
% increase		5%	5%	5%
Rae - Rs/ kWh	0.0207	0.0089	0.0089	0.0089
Rs crores		5.89	6.18	6.49

4.3. Operations

The company expects the energy to increase during the coming years, as more generation capacity is being added to the system. Based on the load increase and the need to bring down the losses, the company has planned a detailed investment plan, details of which are shown in Annexure II

4.3.1. Energy & Loss

Table 18: Energy Availability - AEGCL and Loss Estimation – FY 08 to FY 10

	07-08	08-09	09-10
Energy Available at interface point (MU)	4,127.43	4,579.47	5,147.44
Sale of Power (MU)	3,875.65	4,312.94	4,848.38
Loss %	6.10%	5.82%	5.81%

Detailed assumptions and other expenses are detailed below. During the 3 year period, if there are cash shortages, then such shortages are met through short term cash borrowings. It will be repaid on adequate availability of cash. The interest component on this is not included in the ARR and hence to the account of Company.

4.3.2. Repairs & Maintenance

Table 19: Repairs & Maintenance for FY 08 to FY 10

	07-08	08-09	09-10
	Rs crores		
Plant & Machinery	5.34	5.67	6.01
Buildings	1.06	1.13	1.19
Civil Works	0.02	0.02	0.02
Hydraulic Works	0.51	0.54	0.58
Lines, Cable Networks	2.67	2.83	3.00
Vehicles	0.26	0.27	0.29
Furniture & Fixture	0.03	0.03	0.03
Office Equipment	0.08	0.08	0.09
Total :	9.97	10.57	11.20

The above head includes a provision for insurance of assets, which is currently being evaluated.

4.3.3. Employee Expenses

Table 20: Employees Expenses for FY 08 to FY 10

	07-08	08-09	09-10
	Rs crores		
Salaries	22.74	29.56	32.52
Overtime	1.65	2.14	2.35
Dearness Allowance	13.64	17.73	19.50
Other Allowances	3.28	4.27	4.70
Bonus	0.01	0.02	0.02
Medical Allowances	0.11	0.14	0.16
Leave Travel Assistance	0.04	0.05	0.05
Earned Leave Encashment	-	-	-
Workmen Compensatory Payment	-	-	-
Other Staff Cost	0.00	0.00	0.00
Staff Welfare Expenses	0.08	0.10	0.11
Terminal Benefits (inclddgg spl pass through)	85.80	46.14	52.73
Sub Total :	127.35	100.16	112.14
Less : Capitalisation	-	-	-
Total :	127.35	100.16	112.14

4.3.4. Administration & General Expenses

Table 21: Administration and General Expenses for FY 08 to FY 10

	07-08	08-09	Rs crores 09-10
Rent, Rates & Taxes	0.09	0.09	0.10
Insurance	0.10	0.11	0.12
Telephone Charges	0.25	0.26	0.28
Postage & Telegram	0.01	0.01	0.01
Legal Charges	(0.04)	(0.04)	(0.04)
Audit Fees	0.00	0.00	0.00
Consultancy Charges	0.00	0.00	0.00
Technical Fees	0.00	0.00	0.00
Conveyance & Travel Charges including Vehicle	0.00	0.00	0.00
Other Expenses	1.10	1.17	1.24
Freight	0.29	0.30	0.32
Outsourcing of Billing and Meter Reading	0.00	0.00	0.00
Other Purchase related expenses	0.17	0.18	0.19
Sub Total :	1.98	2.09	2.22
Less : capitalised	-	-	-
Total :	1.98	2.09	2.22

4.3.5. Depreciation

Table 22: Depreciation for FY 08 to FY 10

	07-08	08-09	Rs crores 09-10
Land & Rights	-	-	-
Building	0.55	0.91	1.03
Hydraulic	0.07	0.11	0.08
Other Civil Works	0.03	0.04	0.03
Plant & Machinery	3.89	6.07	3.58
Lines & Cable Net work	19.91	25.95	29.80
Vehicles	-	-	-
Furniture & Fixtures	0.05	-	-
Office Equipment	0.04	0.07	0.05
Capital Spares at Generating Stations	-	-	-
Total	24.54	33.15	34.57

4.3.6. Interest and finance charges

Table 23: Interest and Financing charges for FY 08 to FY 10

	07-08	08-09	Rs Crores 09-10
Interest & Financing charges			
Existing Loans	11.81	10.35	8.89
New Loans	9.20	20.46	41.06
Other finance charges	5.83	5.83	5.83
Interest on Working capital per AERC	7.51	7.46	8.42
Sub Total	34.35	44.11	64.21
Less: Interest capitalised	1.48	7.09	11.85
Total	32.86	37.02	52.36

Table 24: Interest on Normative working capital per AERC for FY 08 to FY 10

Working Capital as per AERC	Rs Crores		
	07-08	08-09	09-10
One month fuel cost	-	-	-
One month approved O&M cost	11.61	9.40	10.46
Maintenance Spares-1% of GFA	17.28	20.99	23.83
Two month Receivables	50.15	48.17	54.29
Total	79.04	78.56	88.59
Interest @	7.51	7.46	8.42

4.3.7. Other Income

Table 25: Other Income

	Rs crores		
	07-08	08-09	09-10
Interest on Staff Loans and advances	1.57	1.59	1.60
Income from Investment	12.76	12.89	13.02
Interest on Loan & advances to licenses	0.25	0.25	0.25
Investment Income	5.21	5.21	5.21
Depooling of PGCIL Transmission Charges	5.89	6.18	6.49
Miscellaneous Recoveries (Transformer etc)	-	-	-
Total :	25.68	26.12	26.58

4.3.8. AAD calculations

Table 26: AAD

	Rs Crores		
	07-08	08-09	09-10
Original depreciation	24.54	29.94	33.96
AAD	-	3.20	0.61
Additional for debt servicing	-	-	-
Total	24.54	33.15	34.57

The following table sets out the financial projections for the 3 years and the expected tariff to be realised.

4.3.9. Profit & Loss account

Table 27: Profit and Loss Account for FY 08 to FY 10

			Rs crores
	07-08	08-09	09-10
Power Purchase			
Energy Available at interface point (MU)	4,127.43	4,579.47	5,292.35
Sale of Power (MU)	3,875.65	4,312.94	4,984.86
Loss %	6.10%	5.82%	5.81%
INCOME			
Revenue from tariffs & Miscell. Charges	300.91	289.01	325.76
EXPENDITURE			
PGCIL Charges & NERLDC charges	109.52	111.06	125.49
Repairs & Maintenance Expenses	9.97	10.57	11.20
Employee Expenses	127.35	100.16	112.14
Administration & General Expenses	1.98	2.09	2.22
Depreciation	24.54	33.15	34.57
Interest & Finance Charges	34.35	44.11	64.21
Less: Interest & other expenses capitalised	1.48	7.09	11.85
Other Debits	0.86	-	-
Extraordinary Items	-	-	-
Other (Misc.)-net prior period credit	-	-	-
Total	307.08	294.05	337.98
Return on Equity	13.99	13.99	13.99
Other Income	25.68	26.12	26.58
Provision for taxes	6.57	7.10	4.84
Annual Revenue Requirement	301.96	289.01	330.23
Surplus(+) / Shortfall(-) :	(1.05)	-	(4.46)

4.3.10. Other borrowings – not included in ARR

Table 28: Other borrowings for FY 08 to FY 10

			Rs Crores
	07-08	08-09	09-10
Borrowing for working capital & others			
Opening Balance	29.76	-	-
Additions	-	-	-
Repayments	(29.76)	-	-
Closing Balance	-	-	-
Interest	1.41	-	-

As mentioned earlier, the interest on these borrowings are not included in ARR and hence reflect as short fall uncovered by ARR inflows.

4.3.11. Basis for calculating SLDC charges

Table 29: Generation scheduled by SLDC

Generation Handled - MW	06-07	07-08	08-09	09-10
APGCL	254	335	372	424
Neepco	542	542	542	693
NHPC	30	30	30	30
NTPC				
Others	112	112	112	112
Total	937	1,018	1,055	1,258

4.3.12. Basis for calculating Transmission charges

Table 30: Energy for each Distribution company – handled by AEGCL

	07-08	08-09	Mu 09-10
UAEDCL	1,201.628	1,337.208	1,503.216
CAEDCL	1,060.016	1,179.618	1,326.063
LAEDCL	1,614.010	1,796.119	2,019.099

4.3.13. Proposed charges for Transmission wires

Table 31: ARR Wires– 07-08 to 09-10

AEGCL (Transmission Wires)	07-08				08-09				09-10						
	400 kv	220 kv	132 kv	66 kv	Total	400 kv	220 kv	132 kv	66 kv	Total	400 kv	220 kv	132 kv	66 kv	Total
Operations & Maintenance															
Employees cost - includes special charg	-	39.68	69.62	16.78	126.08	-	31.21	54.75	13.20	99.15	-	34.94	61.30	14.78	111.02
Repairs & maintenance	-	3.11	5.45	1.31	9.87	-	3.29	5.78	1.39	10.46	-	3.49	6.12	1.48	11.09
Administrative & General Expenses	-	0.62	1.08	0.26	1.96	-	0.65	1.15	0.28	2.07	-	0.69	1.21	0.29	2.20
Depreciation	0.45	8.38	14.63	0.59	24.04	0.57	9.49	19.40	2.87	32.34	1.53	10.65	21.33	0.24	33.76
PGCIL Charges	-	32.84	57.62	13.89	104.36	-	33.33	58.47	14.10	105.90	-	37.87	66.44	16.02	120.33
Interest and Financing Charges	0.19	11.89	17.10	3.18	32.36	0.22	11.99	21.37	2.94	36.52	0.22	16.76	32.13	2.76	51.86
Return on Equity	-	4.40	7.72	1.86	13.99	-	4.40	7.72	1.86	13.99	-	4.40	7.72	1.86	13.99
Taxes on Income	0.01	2.01	3.45	0.75	6.22	0.02	2.17	3.89	0.84	6.91	0.04	2.19	3.97	0.74	6.93
TOTAL	0.65	102.93	176.67	38.62	318.88	0.81	96.54	172.53	37.47	307.35	1.79	111.00	200.24	38.16	351.19
Less: Other Income	-	8.04	14.10	3.40	25.54	-	8.18	14.34	3.46	25.98	-	8.32	14.59	3.52	26.43
ARR of Transmission wires	0.65	94.90	162.57	35.22	293.34	0.81	88.36	158.19	34.02	281.37	1.79	102.68	185.64	34.64	324.75

Table 32: Proposed Transmission charges - Rs/ kWh

	FY 08	FY 09	FY 10
Energy Transmitted in Mu			
UAEDCL	1,202	1,337	1,503
CAEDCL	1,060	1,180	1,326
LAEDCL	1,614	1,796	2,019
Txn Wires per Discom - Rs/ kWh	0.76	0.65	0.66

4.3.14. Proposed ARR for SLDC

Table 33: ARR for SLDC - 07-08 to 09-10

Fixed charges	Rs Crores		
Operations & Maintenance	07-08	08-09	09-10
Employees cost	1.27	1.00	1.12
Repairs & maintenance	0.10	0.11	0.11
Administrative & General Expenses	0.02	0.02	0.02
Depreciation	0.50	0.81	0.81
URLDC	5.16	5.16	5.16
Interest and Financing Charges	0.50	0.50	0.49
Taxes on Income	0.16	0.19	0.17
TOTAL	7.71	7.79	7.88
Less: Other Income	0.15	0.15	0.15
ARR of SLDC	7.57	7.64	7.74

4.3.15. Proposed Charges for SLDC

Table 34: Proposed charges – SLDC – Rs/ MW/ per day

	07-08	08-09	09-10
Distribution companies	Demand in MW		
UAEDCL	316	327	390
CAEDCL	278	289	344
LAEDCL	424	439	524
	1,018	1,055	1,258
SLDC charges/ MW/ Per day	203.68	198.44	168.48

4.4. Incentives

The company accepts that the incentives proposed in the Terms and Conditions for tariff filing viz. cap on the Return on Equity to be adequate.

This is assumed that AERC considers the company's request for total depreciation for all stations to be passed through and AAD for debt servicing is adequately worked into the tariffs. Should AERC not consider the depreciation for BTPS and CTPS, it should allow for additional funds for debt servicing and not affect the debt servicing of the company.

5. Efficiency Improvements

5.1. Transmission loss assessment

After the reforms process and as per Electricity Act of 2003, every company has to operate independently as business centre and accountable for its operations. This has necessitated the energy accounting in each new companies, where transmission losses needs to be separated from distribution and commercial losses and have to be minimum for efficient functioning of transmission Company. This is possible only if there is accurate measurement of total energy received from the generation company and total energy transmitted to the distribution company, in order to measure the transmission of energy accurately, at each interface point.

Real time recording of transmission of electricity through standard interface metering system will help towards operationalization and commercialization of each new company independently as well as accountability of energy flow in each company including technical loss measurement correctly.

AEGCL is in process of procuring and installing MRI based ABT compliant electronic meters at every point of interface. There are **31** interface points between APGCL-AEGCL and **137** interface points between AEGCL and 3 Discoms viz. LAEDCL, UAEDCL and CAEDCL.

The energy meters shall be indoor type connected with secondary side of outdoor CT and PT and shall be 3-phase 4-wire type suitable for connection to 3-phase 3-Wire or 3-Phase 4-Wire system. The meters shall have the following parameters.

- (a) Type of Installation : Indoor Panel/Rack mounted.
- (b) Accuracy : 0.2
- (c) Rated CT Secondary Current : 1 A / 5 A
- (d) Rated PT Secondary Voltage : $110/\sqrt{3}$ Volts (phase to neutral)

- (e) Auxiliary AC Supply : 230 Volts AC +/- 10%
- (f) Auxiliary DC Supply : 110 Volts / 220 Volts +/- 10%
- (g) System Frequency : 50 Hz +/- 5%
- (h) System Earthing : Solidly Earthed

Total Meters (168 actual meters + 168 check Meters + 12 spares total) - 348

AEGCL is in process of procuring and installing MRI based ABT compliant electronic meters at every point of interface. There are **336 nos.** of interface points between APGCL-AEGCL (**62 nos.**) and AEGCL and 3 Discoms viz. LAEDCL, UAEDCL and CAEDCL (**274 nos.**). Special Technical Committee has already opened technical and commercial offers for 348 nos. ABT compliant electronic meters which includes 12 nos. spares during January, 07. The supply, installation and commissioning of the meters are expected to be completed by August, 07.

5.2. System Operation and Load Dispatch (SO&LD)

State Load Dispatch Centre (SLDC) is an apex body for a transmission company in the new unbundled structure of ASEB. SLDC has to operate as per the Assam Electricity Grid Code (AEGC) provisions.

The State Load Dispatch Center is:

- (a) responsible for optimum scheduling and dispatch of electricity within a State, in accordance with the contracts entered into with the licensees or the generating companies operating in that State.
- (b) to monitor grid operations.
- (c) to keep accounts of the quantity of electricity transmitted through the State grid.
- (d) to exercise supervision and control over the intra-state transmission system.
- (e) responsible for carrying out real time operations for grid control and dispatch of electricity within the State through secure and economic operation of the State grid in accordance with the Grid Standards and the State Grid Code.

5.3. Commissioning of Bus Capacitor Banks

33 KV Capacitor Banks under ADB scheme have been installed and commissioned at the following 132 KV Substations in order to improve voltage profile:

- a. Kahilipara
- b. Barnagar
- c. Gauripur
- d. Margherita
- e. Rupai

5.4. Commissioning of 220 KV lines, 220/132 KV Transformer and 132/33 KV Transformer

The following 220 KV lines, 220/132 KV Transformer & 132/33 KV Transformer have been energized in order to improve voltage profile, stability of the system, reliability and redundancy of the system:

- i. 220 KV Longpi – Guwahati line
- ii. 2nd circuit of 220 KV Samaguri – Guwahati line
- iii. 2nd 100 MVA, 220/132 KV Transformer at 220 KV Mariani Substation
- iv. 2nd 31.5 MVA, 132/33 KV Transformers at 132 KV Sarusajai Substation

5.5. Transmission works under construction:

The following 220 KV and 132 KV works have already been taken up:

- i. 2nd Circuit of 220 KV Agai – Sarusajai line
- ii. 12 nos 132/33 KV New Substations and 440 Ckt Km of 132 KV lines under ADB scheme to be commissioned by December, 07.

5.6. Technical specifications for major EHV Equipments

The technical specifications of all major equipments commissioned at the EHV Substations such as Power Transformers, Circuit Breakers, Isolators, CTs, PTs, LAs, battery and battery charger, transformer oil etc. have been documented for keeping them at the EHV substations for records so as to make substation staff acquainted with the details of the equipments which in turn would facilitate for doing O&M work on the equipments.

5.7. Preventive Maintenance procedure to increase system availability and minimize interruptions in Transmission system

Periodical maintenance of equipments at the substations will save the equipments from failure and financial loss to the utility, which would otherwise have caused inconvenience to the consumers. Proper O&M manual and preventive maintenance schedule of major EHV equipments and transmission lines have been documented in order to facilitate substation staff in doing preventive maintenance regularly.

6. Business Plan – FY 07 to FY 12

6.1. Assumptions

As per AERC's directives, the five year's business plan between FY 07-08 to FY 11-12 has also been included in this petition. These are the best estimates that are based on the current expectation of the possible scenario. We would like to caution that there could be large macro-economic factors and natural factors (like bad hydrology, severe floods or drought) can make a mockery of these projections.

Assumptions, as taken for FY 07 to FY 10 are taken for the business plan also and further two years assumptions are presented below:

Table 35: Assumption for 07-08 to 11-12 - I

		07-08	08-09	09-10	10-11	11-12
Inflation		6%	6%	6%	6%	6%
ST PLR - SBI as of April 1,06		9.50%	9.50%	9.50%	9.50%	9.50%
Repairs & Maintenance Expense		6%	6%	6%	6%	6%
Employee Expenses		10%	30%	10%	10%	10%
Administrartion & Geneneral Expense		6%	6%	6%	6%	6%
Return on Equity		14%	14%	14%	14%	14%
Other Income		1%	1%	1%	1%	1%
Provision for taxes		33.67%	33.67%	33.67%	33.67%	33.67%
Current Assets - per Actual						
Operation & Maintenance expenses	Of the annual amount	8.33%	8.33%	8.33%	8.33%	8.33%
Maintenance spares	1% of GFA 1%	6%	6%	6%	6%	6%
Receivables Against Sale Of Power	Of the annual amount	8.33%	8.33%	8.33%	8.33%	8.33%
Current Assets - per AERC						
O&M expenses	Of the annual amount	8.33%	8.33%	8.33%	8.33%	8.33%
Maintenance spares	1% of GFA 1%	6%	6%	6%	6%	6%
Receivables Against Sale Of Power	Of the annual amount	16.67%	16.67%	16.67%	16.67%	16.67%
PGCIL charges Payable		4.11%	4.11%	4.11%	4.11%	4.11%
Depreciation Rates applicable for	Average Rates (based on AERC's Schedule of Rates)					
Land & Rights		0.00%				
Building		2.16%				
Hydraulic		2.57%				
Other Civil Works		1.80%				
Plant & Machinery		3.60%				
Lines & Cable Net work		3.09%				
Vehicles		18.00%				
Furniture& Fixtures		6.00%				
Office Equipment		6.00%				
Capital Spares at Generating Stations		0.00%				
Cap of Asset Value		90%				

Table 36: Assumption for 07-08 to 11-12 - II

		07-08	08-09	09-10	10-11	11-12
Loan Rates						
Instituion		10.50%	10.50%	10.50%	10.50%	10.50%
Loan Repayments (as per Resources Plan)						
Govt Loan		10%	10%	10%	10%	10%
Public Bond	Rs crores	0.00	18.44	0.00	9.84	0.00
Terminal Benefit assumption						
Past liability special charge as per TO 07	paise/ kWh	20	8.2	8.2	8.2	8.2
Units sold to Discoms		3875.653	4312.945	4984.86	5796.459	6975.287
Terminal Benefits outflow		77.51	35.37	40.88	47.53	57.20
Interest rate for Investment income		6.5%	6.5%	6.5%	6.5%	6.5%
Depooling income						
Mu		6033.303	6651.717	6984.302	7333.518	7700.193
% increase		5%	5%	5%	5%	5%
Rae - Rs/ kWh		0.0207	0.0089	0.0089	0.0089	0.0089
Rs crores		5.89	6.18	6.49	6.82	7.16

Table 37: Assumption for 07-08 to 11-12 - III

	07-08	08-09	09-10	10-11	Rs Crores 11-12
Capital Expenditure					
SCADA	-	-	-	-	-
Equit/ Grant	-	-	-	-	-
Loan	1.72	-	-	-	-
Transmission Lines	58.24	41.50	129.24	192.22	104.13
Equit/ Grant	-	-	-	-	-
Loan	14.84	30.70	97.74	151.72	98.57
Sub-Stations	89.20	110.00	201.32	234.55	108.53
Equit/ Grant	-	-	-	-	-
Loan	52.82	87.50	151.82	167.05	80.44
Terminal Bays	6.00	8.49	-	-	-
Equit/ Grant	-	-	-	-	-
Loan	7.50	10.44	-	-	-
Augmentation of Sub-stations	19.73	11.55	-	-	-
Equit/ Grant	-	-	-	-	-
Loan	7.37	11.55	-	-	-
Others	19.74	-	-	-	-
Equit/ Grant	-	-	-	-	-
Loan	1.97	-	-	-	-
Total	192.91	171.54	330.56	426.78	212.67
Equit/ Grant	-	-	-	-	-
Loan	86.23	140.19	249.56	318.78	179.01

6.2. Energy details

Table 38: Energy Handled and Losses – 07-08 to 11-12

	07-08	08-09	09-10	10-11	11-12
Energy Available at interface point (MU)	4,127.43	4,579.47	5,292.35	6,155.31	7,408.70
Sale of Power (MU)	3,875.65	4,312.94	4,984.86	5,796.46	6,975.29
Loss %	6.10%	5.82%	5.81%	5.83%	5.85%

6.3. Profit & Loss account

Table 39: Profit and Loss account for 07-08 to 11-12

	07-08	08-09	09-10	10-11	Rs Crores 11-12
Energy Available at interface point (MU)	4,127.43	4,579.47	5,292.35	6,155.31	7,408.70
Sale of Power (MU)	3,875.65	4,312.94	4,984.86	5,796.46	6,975.29
Loss %	6.10%	5.82%	5.81%	5.83%	5.85%
INCOME					
Revenue from tariffs & Miscell. Charges	300.91	289.01	325.76	385.42	493.22
EXPENDITURE					
PGCIL Charges & NERLDC charges	109.52	111.06	125.49	140.06	198.33
Repairs & Maintenance Expenses	9.97	10.57	11.20	11.87	12.58
Employee Expenses	127.35	100.16	112.14	125.93	143.43
Administration & General Expenses	1.98	2.09	2.22	2.35	2.50
Depreciation	24.54	33.15	34.57	60.01	77.62
Interest & Finance Charges	34.35	44.11	64.21	90.46	106.26
Less: Interest & other expenses capitalised	1.48	7.09	11.85	31.39	0.00
Other Debits	1.41	-	-	-	-
Extraordinary Items	-	-	-	-	-
Other (Misc.)-net prior period credit	-	-	-	-	-
Total	307.63	294.05	337.98	399.29	540.72
Return on Equity	13.99	13.99	13.99	13.99	13.99
Other Income	25.68	26.12	26.58	27.05	27.54
Provision for taxes	6.38	7.10	4.84	4.44	-
Annual Revenue Requirement	302.32	289.01	330.23	390.67	527.17
Surplus(+)/ Shortfall(-)	(1.41)	-	(4.46)	(5.25)	(33.95)

6.4. Balance Sheet

Table 40: Balance Sheet for 07-08 to 11-12

	07-08	08-09	09-10	10-11	Rs Crores 11-12
Share Capital	99.93	99.93	99.93	99.93	99.93
Reserves & Surplus	39.09	60.18	74.55	87.72	67.76
Total	139.02	160.11	174.48	187.66	167.70
Loans From State Govt	30.03	26.27	22.52	18.77	15.01
Loans From Others- Secured	201.63	313.93	539.12	800.63	906.05
Loans From Others- Unsecured	-	-	-	-	-
Total	231.66	340.20	561.64	819.40	921.06
Contributions, Grants & Subsidies Towards Cost (340.64	373.94	454.94	562.94	596.60
Grand Total	711.32	874.25	1,191.06	1,569.99	1,685.35
Application Of Funds:					
Net Fixed Assets:					
A) Gross Block	1,024.30	1,066.61	1,306.25	1,367.02	2,277.61
B) Less: Accumulated Depreciation	(528.52)	(561.67)	(596.24)	(656.25)	(733.87)
C) Net Fixed Assets	495.78	504.95	710.02	710.78	1,543.74
D) Capital Work In Progress	70.69	207.01	309.77	707.17	9.24
E) Assets Not In Use	-	-	-	-	-
F) Deferred Costs	0.04	0.04	0.04	0.04	0.04
G) Intangible Assets	-	-	-	-	-
Total Of (C) To (G)	566.51	711.99	1,019.83	1,417.98	1,553.02
Investments	80.22	80.22	80.22	80.22	80.22
Subsidy Receivable From Govt.	-	-	-	-	-
Net Current Assets:					
A. Current Assets, Loans & Advances					
A) Inventories	45.57	45.57	45.57	45.57	45.57
B) Receivables Against Sale Of Power	25.08	24.08	27.15	32.12	41.10
C) Cash & Bank Balances	25.68	44.18	50.68	27.10	0.82
D) Loans & Advances	15.30	15.30	15.30	15.30	15.30
E) Sundry Receivables	17.74	17.74	17.74	17.74	17.74
Total Of A	129.36	146.88	156.44	137.82	120.53
B. Current Liabilities And Provisions:					
A) Security Deposit From Consumers	-	-	-	-	-
B) Borrowings For Working Capital	-	-	-	-	-
C) Payments Due On Capital Liabilities	-	-	-	-	-
D) Other Current Liabilities	64.78	64.84	65.44	66.03	68.43
Total Of B	64.78	64.84	65.44	66.03	68.43
Net Current Assets (A - B)	64.58	82.03	91.00	71.79	52.10
Grand Total	711.31	874.25	1,191.05	1,569.99	1,685.35

7. Directives of the Commission in its TO for FY 2006-07

Sl. No.	Commission's Directions	Page No of TO	Action taken To Date or To be Taken
1	The Commission directs the entities to complete the schemes under the Development Fund within the original or, extended date of completion, as applicable. In case the entities fail to fully implement the schemes in time, the amount by which they fall short of the approved amount of the scheme will be deducted from the ARR of next year.	Table 'L' on 36 and 37 and 241	AEGCL is in process of procuring and installing MRI based ABT compliant electronic meters at every point of interface. There are 336 nos. of interface points between APGCL-AEGCL (62 nos.) and AEGCL and 3 Discoms viz. LAEDCL, UAEDCL and CAEDCL (274 nos.). Special Technical Committee has already opened technical and commercial offers for 348 nos. ABT compliant electronic meters which includes 12 nos. spares during January, 07. The supply, installation and commissioning of the meters are expected to be completed by August, 07.
6	As such, the Commission directs the entity to furnish detailed cost break-up of the schemes shown under CWIP along with expected date of completion within two month of issue of this tariff order and, on a quarterly basis there after.	119	Separate sheet enclosed as Annexure – I.
7	AEGCL should maintain sufficient records of its availability of their network in consultation with SLDC so that claim of recovery of fixed cost can be made as per provision of the Regulation.	128	The Expenditure A/C of SLDC Division has been kept separately to facilitate calculation of Fixed Cost.
21	Chairman, ASEB has constituted the "Board of Trustees of ASEB Employees' Pension Fund Investment Trust" with 11 Trustees including Chairman, ASEB/Successor Companies as President of the Trust. As per the arrangement the maintenance of the trust is vested on AEGCL. As such, AEGCL is directed to see that the fund is properly maintained and utilized and a report on the present status of the fund is to be enclosed with the Tariff Petition for the next year.	246	The status of 'ASEB employees Pension Fund Investment Trust' and 'ASEB employees CPF Trust' as on 15.11.06. are furnished below: (i) Pension Trust :- Rs. 74,46,32,591.31 (ii) CPF Trust. :- <u>Rs. 38,54,06,899.00</u> (iii) Total Corpus :- <u>Rs.113,00,39,490.31</u>
22	AEGCL is to publish the latest audited balance sheet and profit & loss account each year at the time of submission of tariff petition	246	The preparation of Balance Sheet and Profit & Loss A/C for 2005-06 have been finalized and mentioned in Tariff Petition.

Further Directives of AERC in our response to their 2004-05 and 2005-06 Directives.

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action taken To Date or To be Taken
1	Clause 11.5 of 2005-06 Order Business plan has to be submitted by 30.11.2006 as the future generation and improvement/deterioration in operational efficiency will have direct impact on the Multi year tariff proposal.	238	Draft Business Plan has been prepared and will be put up in the next AEGCL's Board Meeting, for approval.
2	Clause 11.16 of 2005-06 Order The details of energy accounting methodology are not yet intimated to the Commission which is to be intimated latest by 30.09.2006.	239	Energy Accounting Methodology adopted is as follows: Purchase from: (i) Power Traders.....(A) (ii) IPP from Assam.....(B) (iii) Others: MeSEB Regulated Power } (C) Eastern Region } Input from Central Sector(D) Input from APGCL.....(E) Gross Input: (A) + (B) + (C) + (D) + (E)(F) Less Sales: State periphery } (G) Sale through UI Exchange } Total Input after Sale(F)-(G) Less: Loss in PGCIL Network.....(H) Net Input to AEGCL.(F)-(G)-(H)....(J) Input To: UAEDCL.....(K) CAEDCL.....(L) LAEDCL.....(M) Loss in AEGCL's Network(P) (J) =(K) + (L) + (M) + (P) Net Input to AEGCL = Input to all the three DISCOMs + Loss in AEGCL's Network.
3	Clause 11.6(a) of 2005-06 Order The commercially acceptable levels of transmission losses to be achieved after commissioning of the projects under ADB, NLCPR etc. are not indicated which are to be submitted along with the Tariff Petition for the next year. Transmission line wise energy transactions were not submitted which are to be submitted along with the Tariff Petition for the next year.	241	With the completion of Projects of ADB, NLCPR, PFCL, NEC, plan funded centrally sponsored Project, etc the Transmission loss is expected to be around 6.5%. Data for transmission line wise energy transactions are submitted along with the Tariff Petition, for the next year.
4	Clause 11.6(b) of 2005-06 Order There are 8 performance measures set out Schedule II of the (Transmission Licensee Standards of Performance), Regulations, 2004. AEGCL had given details of Transmission System Availability (Reliability Index) for the period April 2004 to March 2005 and Service Reliability Index for the months of August and September 2005 for its four circles	242	Performance standard is under preparation.

Sl No.	Direction No. of 04-05 / 05-06 order and further Directions in No 2006-07 Order	Page No	Action taken To Date or To be Taken												
	.Achievements against other 6 measures are not submitted. A Report on how these measures will be improved once the transmission system projects are completed for the two performance measures above are not submitted which are to be submitted along with the Tariff Petition for the next year.														
5	Clause 11.5 of 2005-06 Order Detailed Business Plans to be submitted latest by 30.09.2006.	242	Draft Business Plan has been prepared and will be put up in the next AEGCL's Board Meeting, for approval.												
6	Clause 11.6(c) of 2005-06 Order The Annexure X does not contain data on number of staff by organization unit. The number of staff by organization unit before and after use of new SCADA system is required to explain how manpower reductions will be achieved which are not submitted. These figures are to be submitted within three months of issue of the Order.	243	SCADA system is yet to be operated fully. It is under process. As such, reduction of staff is yet to be materialized.												
7	Clause 8.18 of 2004-05 Order The expected time to be taken to build the asset register is not yet informed. The Commission desires that the asset register for AEGCL duly completed for all assets of AEGCL be completed before the submission of the next tariff petition.	244	Updating of Asset Register will be completed by September, 07.												
8	Clause 8.6 of 2004-05 Order A detailed Report on Insurance cover of all other assets is to be submitted along with Tariff Petition for next year.	245	Insurance cover is as follows: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Sl. No.</th> <th>Item</th> <th>Line Length/ S/S Capacity</th> <th>Premium Paid (Rs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>220 KV Tinsukia - Kathalguri Tr. Line</td> <td>24 KMS</td> <td>1,29,832.00</td> </tr> <tr> <td>2</td> <td>220/132 KV Tinsukia S/S</td> <td>50X2 MVA</td> <td>1,00,467.00</td> </tr> </tbody> </table>	Sl. No.	Item	Line Length/ S/S Capacity	Premium Paid (Rs)	1	220 KV Tinsukia - Kathalguri Tr. Line	24 KMS	1,29,832.00	2	220/132 KV Tinsukia S/S	50X2 MVA	1,00,467.00
Sl. No.	Item	Line Length/ S/S Capacity	Premium Paid (Rs)												
1	220 KV Tinsukia - Kathalguri Tr. Line	24 KMS	1,29,832.00												
2	220/132 KV Tinsukia S/S	50X2 MVA	1,00,467.00												

8. Annual Statement of Account for FY 2005-06

Unaudited actual Annual Statement of Accounts for the FY 2005-06 for AEGCL is furnished in Annexure V.

Annexure I

REPORT ON COST OF CWIP WORKS UNDER AEGCL

(Annexure to Directives)

Sl. No.	Name of the Project	Cost	Target date of completion	Remarks
1	2	3	6	7
I	Transmission lines			
A	NLCPR FUNDED PROJECTS			
1	2nd circuit stringing of 220 kV Kathalguri - Tinsukia line.	6.40	Sept' 07	1 st circuit completed
2	Renovation of 220 kV DIC BTPS - Agia - Sarusajai line.	28.38	Nov' 07	Do
B	HILL PLAN FUNDED PROJECT			
1	132 kV LILO line at Bokajan from 132 kV SIC Mariani. - Dimapur line (Plan Funded Project).	1.40.	Oct' 09	Work held up for fund constraint
C	PFC LOAN & STATE PLAN FUNDED PROJECT			
1	Renovation of 220 kV DIC Langpi - Sarusajai line.	31.70	Nov' 06	
D	NEC FUNDED PROJECT			
1	132 kV SIC Mariani - Nazira line	9.81	Sept' 07	
E	ADB FUNDED PROJECTS			
1	132 kV LILO line at Silchar (Srikona) from 132 kV SIC Panchgram - Pailapoolline.	0.6066	Dee' 07	
2	132 kV LILO line at Moran from 132 kV S/C Lakwa - Dibrugrah line.	3.546		
3	132 kV LILO line at Nalbari (Sariahtali) from 132 kV SIC Rangia - Dhaligaon line.	0.5643		
4	132 kV S/C Jorhat - Bokakhat line.	12.91.5		
5	132 kV S/C Lanka - Diphu line.	12.1418		
6	132 kV LILO line at Golaghat from 132 kV SIC Mariani –Dimapur line.	2.0015		
7	132 kV S/C Nazira - Sibsagar line.	4.9628		
8	132 kV LILO line at Biswanath Charali from one circuit of 132 kV Depota - Gohapur line.	5.3269		
9	132 kV SIC Rangia - Sipajhar - Rowta - Depota line.	33.0599		
10	132 kV DIC Kahilipara - Sarusajai line.	3.9632		
11	220 kV DIC Tinsukia - Namrup line.	20.5414		
12	132 kV LILO line at Narangi from 132 kV SIC Kahilipara – Chandrapur line.	0.5643		
II	Sub-Stations			

Sl. No.	Name of the Project	Cost	Target date of completion	Remarks
A	<u>NLCPR FUNDED PROJECTS</u>			
1	220/132 kV, 2x50 MVA Tinsukia Sub-Station with two number 220 kV line bsys at Kathulguri Sub-Station.	19.64	Sept' 05	Completed
2	Augmentation of 220/132 kV Mariani Sub-Station from 2x50 MVA, 220/132 kV to 2x100 MVA, 220/132 kV transformer capacity.	6.37	May' 06	Do
3	Augmentation of 220/132 kV Sarusajai Sub-Station from 1x63 & 1xSO MVA, 220/132 kV to 2x1 00 MVA, 220/132 kV transformer capacity.	7.80	March' 06	Completed
4	Installation of 2x31.5 MVA, 132/33 kV transformer at Sarusajai Sub-Station.	5.26	Nov' 06	
5	220/132 kV, 1xSO MVA Balipara Sub-Station with 132 kV LILO line at	13.7100	March' 07	
B	<u>PLAN FUNDED PROJECT (GENERAL & HILL)</u>			
1	220/132 kv, 1x50 MVA & 132/33 kv, 1x16 MVA Agia Sub-Station with 4 Nos. 220 kv line terminal bays.	19.1142	Oct'07	
2	132/33 kV, 2x25 MVA Bokajan Sub-Station with 2 Nos. 132 kV line terminal bays one each at Mariani & Nazira.	17.4484	Oct'09	
C	<u>NEC FUNDED PROJECT</u>			
1	132/33 kV, 2x25 MVA Nazira Sub-Station with 2 Nos. 132 kV line terminal bays one each at Mariani & Nazira	6.980	Sept'07	
D	<u>MeSEB FUNDED PROJECTS</u>			
1	220/132 kV, 1x50 MVA Sarusajai Sub-Station with construction of 132 kV D/C Uranium Stage IV-sarusajai (inter state) line.	10.450	Nov'06	Line & Tr. Commissioned but one line terminal bay is to be completed.
	<u>ADB FUNDED PROJECTS</u>			
1	132/33 kV, 2x25 MVA Silchar (Srikona) Sub-Station with 2 Nos. 132 kV line terminal bays.	8.6173	Dec'07	
2	132/33 kV, 2x16 MVA Moran Sub-Station with 2 Nos. 132 kV line terminal bays.	9.2559		
3	132/33 kV, 2x16 MVA Nalbari (Sariahtali) Sub-Station with 2 Nos. 132 kV line terminal bays.	9.0453		
4	132/33 kV, 2x16 MVA Bokajan Sub-Station with 2 Nos. 132 kV line terminal bays.	8.7289		
5	132/33 kV, 2x16 MVA Diphu Sub-Station with 2 Nos. 132 kV line terminal bays.	8.8443		
6	132/33 kV, 2x25 MVA Golaghat Sub-Station with 2 Nos. 132 kV line terminal bays.	9.5271		
7	132/33 kV, 2x16 MVA Sibsagar Sub-Station with 2 Nos. 132 kV line terminal bays.	8.6289		
8	220/132 kV, 1x50 & 132/33 kV, 2x10 MVA Boko Sub-Station with 2 Nos. 220 kV line terminal bays.	5.6242		
9	132/33kV, 2x16 MVA Biswanath Chariali Sub-Station with 2 Nos. 132 kV line terminal bays.	9.3438		
10	Addition of 220/132 kV, 2x50 MVA & 132/33 kV, 1x31.5 MVA Namrup Sub-Station with 4 Nos. 220 kV line terminal bays.	8.4146		
11	132/33 kV, 2x16 MVA Sipajhar Sub-Station with construction of line terminal bay for 132 kV S/C Rangia-Sipajhar-Rowta-Depota line	8.3438		

12	132/33 kV, 2x16 MVA Narangi Sub-Station with 2 Nos. 132 kV line terminal bays.	9.6158		
13	132/33 kV, 2x16 MVA Majuli Sub-Station with construction of line terminal bay at both ends of 132 kV S/C N.Lakhimpur-Majuli line.	7.7407		
14	Augmentation of 220/132 kV Samuguri Sub-Station from 2x50 MVA to 3x50 MVA transformer capacity.	3.5489		
15	Augmentation of 132/33 kV Dibrugarh Sub-Station from 1x31.5 MVA to 2x31.5 MVA transformer capacity.	1.9916		
16	Augmentation of 132/33 kV Rangia Sub-Station from 2x16 MVA to 2x25 MVA Tr. Capacity with const. of line terminal bay for 132 kV S/C Rangia-Sipajhar-Riwta-Depota line.	2.4073		
17	Augmentation of 132/33 kV Garmur (Jorhat) Sub-Station from 1 x25 & 1x16 MVA to 2x25 MVA transformer capacity.	1.7475		
18	Augmentation of 132/33 kV Barnagar Sub-Station from 2x10 MV A to 2x25 MVA transformer capacity.	2.4282		
19	Augmentation of 132/33 kV Pailapool Sub-Station from 2x5 MVA to 2x10 MV A transformer capacity.	1.7693		
20	Augmentation of 132/33 kV Sarusajai Sub-Station from 2x31.5 MVA to 3x31.5 MVA transformer capacity.	1.7316		
21	Augmentation of 132/33 kV Gauripur Sub-Station from 2x10 MV A to 2x16 MVA transformer capacity.	2.1330		
22	Augmentation of 132/33 kV Halflong Sub-Station from 2x5 MVA to 2x10 MVA transformer capacity.	0.5673		
23	Augmentation of 132/33 kV Rowta Sub-Station from 2x12.5 MV A to 2x25 MVA transformer capacity with construction of line terminal bay for 132 kV SIC Rangia - Sipajhar - Rowta - Depota line.	2.6586		
24	Augmentation of 132/33 kV Dhemaji Sub-Station from 1 x16 MV A to 2x16 MVA transformer capacity.	1.7313		
25	Augmentation of 220/132 kV, 1x50 MVA & 132/33 kV, 1x16 MVA Agia Sub-Station to 220/132 kV, 2x50 MVA & 132/33 kV, 2x16 MVA transformer capacity.	5.2729		
26	Installation of Capacitor Banks in different EHV Sub-Stations of AEGCL.	16.6857	July, 07	
27	Modernization of & improvement of communication system of AEGCL Grid Network.	27.5060	Dec, 07	Work not yet started

Annexure II

Investment Plan between FY 06-07 to FY 11-12

AEGCL is expected to transmit 3884 MUs as per the annual requirement of all the Distribution companies for the Ensuing Year. For efficient and reliable transmission and distribution of this quantum of power in the state, the transmission network must have adequate capacity and be maintained in a good condition. A healthy network only can deliver reliable and quality power to the consumers. With the ever-increasing demand of power every year, the need for strengthening the Transmission segment of the power system in the form of capacity addition, renovation and modernization of lines and substations has become imperative. In this backdrop, emphasis has been laid on completion of the ongoing schemes as well as taking up new projects in the transmission & transformation sector.

The existing maximum (unrestricted) demand in the Assam electricity system is 895 MW (as per the FY 06-07 Annual Statement of Accounts). By FY 10-11, total demand in Assam is expected to grow to 1,400 MW as per 17 EPS. Furthermore, APGCL is planning significant increases in its generation capacity to meet growing electricity consumption demand in Assam and the North-East. These plans include expanded capacity and improve utilisation for its existing operation power stations (Lakwa and Namrup Thermal Power Stations) and new capacity arising from new hydel generation sources (including the 100 MW Karbi Langpi Hydro-Electric Power Station to be operational from FY 07-08) and new thermal generation sources.

The following table outlines the expanded generation capacity arising from APGCL's Business Plan:

Name of Power Station	06-07 Installed MW	07-08 Installed MW	08-09 Installed MW	09-10 Installed MW	10-11 Installed MW	11-12 Installed MW
Namrup TPS	134	115	115	115	23	23
Lakwa TPS	120	120	157	157	157	157
Karbi Langpi HE	0	100	100	100	100	100
Namrup RPP	0	0	0	35	106	106
Bordikharu SHE	0	0	2	2	2	2
Lungnit SHE	0	0	6	6	6	6
Myntriang SHE	0	0	9	9	9	9
Dhansiri HE	0	0	0	0	20	20
Lower Kopili HE	0	0	0	0	0	50
TOTAL	254	335	389	424	423	473

A number of Transmission projects are under implementation with various sources of funding agencies like NLCPR, ADB, and State Government Plan Fund. Out of this, maximum investment will be in the form of grant from ADB funded schemes for lines, substation augmentation, improvement of transmission system, installation of SCADA system etc as depicted in Table - below.

Installation of SCADA to measure & manage system performance:

The installation of SCADA will effectively establish an energy management system to enable performance monitoring of the transmission network, thus optimizing electricity dispatch and hence improving energy flow to each distribution company and their consumers.

The investment in SCADA will comprise the following components:

- Upgrade of the System Load Despatch Centre (SLDC);
- Upgrade of existing Remote Terminal Units (RTUs) in substations;
- Installation of new RTUs in substations; and
- Establishment of a telecommunications infrastructure to enable the SCADA system.

The communications capacity established for SCADA may also be used to facilitate interface metering and establish a Revenue Management System for the distribution companies. It may also be used to establish the networking Management Information Systems throughout AEGCL.

ADB financing, along with counterpart financing from AEGCL, will be used to invest in SCADA installation. A breakup of the planned expenditure for SCADA and associated infrastructure implementation is provided below.

	Project	Estimated Expenditure (Rs. Lakhs)		Finish	Finance Source
		FY06-07 to FY11-12			
		Grant	Loan		
1	Control & Protection Equipment	926	103	Oct-06	ADB
2	SCADA (RTU)	1377	153	Jan-08	ADB
3	SCADA (SLDC)	446	50	Jan-08	ADB

Note: For ADB financed projects, a foreign exchange conversion rate of 1 USD = 45 INR has been used.

Improve system through renovation & modernization:

Specifically, investment in renovation and modernization will be used to boost voltage performance and rebuild system capacity (as originally designed), and thereby increasing electricity supply reliability. Components of investment in transmission system improvement will include circuit-breakers, 33kV bus capacitors, current transformers and potential transformers, and control and protection equipment.

The Renovation & Modernization (R&M) projects underway or proposed are listed in the following table:

Project		Estimated Expenditure (Rs. Lakhs)		Finish	Finance Source
		FY06-07 to FY11-12			
		Grant	Loan		
1	Circuit Breakers for existing sub-stations	367	41	Sep-06	ADB
2	Bus Capacitors for existing sub-stations	1196	133	Dec-06	ADB
3	Current Transformers/Potential Transformers	392	44	Jan-07	ADB
4	PLCC	2090	232	Jan-08	ADB

Augment system capacity and build new lines to meet demand where critical:

Whilst renovation and modernization is a priority for AEGCL (due to the need to improve system reliability and quality of supply, and reduce high technical losses), significant augmentation/extension of transmission capacity is required to meet the growing energy demand of Assam, and to ensure generation capacity is matched with sufficient transmission capacity.

AEGCL will implement a number of projects to build new transmission lines and substations, along with associated infrastructure. ADB funded system extensions will include 39 km of new 220 KV transmission line, 403 km of 132 KV transmission line and 12 new transmission substations.

System Augmentation/Extension projects underway or proposed are listed below:

Project		Estimated Expenditure (Rs. Lakhs)		Finish	Finance Source
		FY06-07 to FY11-12			
		Grant	Loan		
1	TRANSMISSION LINES (NEW)				
2	LILO at Silchar (Srikuna) from 132 kV S/C Panchgram - Pailapool line	50	6	Jan-08	ADB
3	LILo at Nalbari (Sariahatali) from 132 kV S/C Rangia - Dhaligaon line	46	5	Jan-08	ADB
4	LILo at Golaghat from 132 kV S/C Mariani - Dimapur line	162	18	Jan-08	ADB
5	D/C Kahilipara - Sarusjaj line	321	36	Jan-08	ADB
6	S/C Rangia - Sipajhar - Rowta - Depota line	2602	289	Jan-08	ADB
7	LILo at Narangi from 132 kV S/C Kahilipara - Chandrapur line	46	5	Jan-08	ADB
8	D/C Tinsukia - Namrup line	1669	185	Jan-08	ADB
9	S/C Lanka - Diphu line	909	101	Jan-08	ADB
10	LILo at Moran from 132 kV S/C Lakwa - Dibrughar line	283	31	Jan-08	ADB
11	S/C Jorhat - Bokakhat line	982	109	Jan-08	ADB
12	S/C Nazira - Sibsagar line	383	43	Jan-08	ADB
13	LILo at Biswanath Charali from one circuit of 132 kV D/C Depota - Gohpur line	389	43	Jan-08	ADB
14	LILo at Boko from 220 kV one circuit of 220 kV D/C BTPS - Agia - Sarusajaj line	52	6	Jan-08	ADB
15	S/C Mariani - Nazira line	1019	113	Sep-07	NEC

Project	Estimated Expenditure (Rs. Lakhs)		Finish	Finance Source	
	FY06-07 to FY11-12				
	Grant	Loan			
16	LILO line at Balipara from one circuit of 132 kV D/C Depota - Gohapur line	270	30	Mar-07	NLCPR
17	2nd circuit Strg. Of BTPS - Agia - Sarusajai line	885	98	Nov-07	NLCPR
18	Renovation of 220 kV D/C Langpi - Sarusjai line	0	2738	Aug-06	PFC
19	2nd circuit of Tinsukia-Kathalguri line	180	330	Sep-07	PFC (State Plan 06-07)
20	132 kV Mariani-Mokokchang line	0	87	Mar-07	State Plan
21	LILo line at Bokajan S/S from 132 kV S/C Mariani - Dimapur line	0	140	Oct-09	PFC or State Plan
22	LILo at Sonabil from 220 kV D/C Balipara (PGCIL) - Samaguri (AEGCL) line	0	231	Oct-09	PFC or State Plan
23	LILo at Umrangshu from 132 kV S/C Khandong - Haflong line of PGCIL.	0	200	Oct-09	PFC or State Plan
24	LILo at Rupai (Doomdooma) from one circuit of 132 kV D/C Tinsukia - Margherita line	0	560	Oct-09	PFC or State Plan
25	Single circuit Lanka - Lumding line on double circuit tower	0	1074	Nov-09	PFC or State Plan
26	Double circuit Samaguri - Nagaon line	0	1119	Feb-10	PFC or State Plan
27	2nd circuit stringing of Samaguri - Lanka line	0	572	Nov-10	PFC or State Plan
28	Single circuit BTPS - Kokrajhar line	0	400	Oct-10	PFC or State Plan
29	LILo line at Sonari S/S from 132 kV S/C Namrup - Lakwa line	0	550	Dec-10	PFC or State Plan
30	Double circuit Biswanath Chariali (PGCIL) - Sonabil (AEGCL) line	0	1500	Sep-11	PFC or State Plan
31	LILo at Rangia Sub-Station from 400 kV D/C Balipara (PGCIL) - Malda (PGCIL) line	0	1200	Sep-11	PFC or State Plan
32	Double circuit Rangia (PGCIL) - Rangia (APGCL) line	0	500	Sep-11	PFC or State Plan
33	Double circuit line from 220 kV Rangia (AEGCL) S/S to 132 kV Rangia (APGCL) S/S	0	100	Sep-11	PFC or State Plan
34	Double circuit Rangia (PGCIL) - Amingaon (APGCL) line	0	1900	Sep-11	PFC or State Plan
35	Single circuit Kokrajhar - Gauripur via Bilasipara	0	1300	Oct-11	PFC or State Plan
36	LILo at Azara from Double circuit Tripura Gas Based Thermal Project - Harigaon (PGCIL) line	0	1900	Dec-11	PFC or State Plan
37	LILo from 220 kV double circuit BTPS - Agia - Sarusajai line at 400/220 kV Azara Sub-Station (AEGCL)	0	600	Dec-11	PFC or State Plan
38	Single circuit line on D/C tower from 132 kV Jagiroad S/S to 132 kV Nagaon S/S	0	800	Jan-12	PFC or State Plan
39	Single circuit line from 400/132 kV Silchar S/S to 132 kV Lala S/S	0	1000	Jan-12	PFC or State Plan
40	Double circuit line for interconnection of 400/132 kV Silchar S/S to 132 kV Silchar (Srikuna) S/S	0	50	Jan-12	PFC or State Plan
41	Single circuit line on D/C tower from 400/132 kV Silchar S/S to 132 kV Silchar S/S to 132 kV Panchgram S/S	0	700	Jan-12	PFC or State Plan
42	Single circuit Dhemaji - Silapather line	0	800	Jan-12	PFC or State Plan
43	Double circuit Rangia (PGCIL) - Azara line	0	1300	Jan-12	PFC or State Plan

	Project	Estimated Expenditure (Rs. Lakhs)		Finish	Finance Source
		FY06-07 to FY11-12			
		Grant	Loan		
44	Brahmaputra river crossing for Rangia (PGCIL) - Azara line	0	1200	Jan-12	PFC or State Plan
45	Single circuit Agia - Dudhnoi line	0	400	Jan-12	PFC or State Plan
46	Double circuit Amguri (PGCIL) - Namrup (APGCL) line	0	5300	Feb-12	PFC or State Plan
47	Double circuit Amguri (PGCIL) - Mariani (APGCL) line	0	2200	Feb-12	PFC or State Plan
46	Double circuit Rangia (PGCIL) - BTPS (APGCL) line	8280	920	Feb-12	NLCPR
48	SUB-STATIONS				
49	Dhemjali Sub-Station	111	12	Oct-07	ADB
50	Silchar (Srikuna) Sub-Station	641	71	Feb-08	ADB
51	Nalbari (Sariahatali) Sub-Station	679	75	Feb-08	ADB
52	Golaghat Sub-Station	722	80	Feb-08	ADB
53	Sipajhar Sub-Station	706	78	Feb-08	ADB
54	Narangi Sub-Station	730	81	Feb-08	ADB
55	Namrup Sub-Station	331	37	Feb-08	ADB
56	Diphu Sub-Station	661	73	Feb-08	ADB
57	Moran Sub-Station	698	78	Feb-08	ADB
58	Bokakhat Sub-Station	651	72	Feb-08	ADB
59	Sibsagar Sub-Station	651	72	Feb-08	ADB
60	Biswanath Charali Sub-Station	706	78	Feb-08	ADB
61	Majuli Sub-Station	562	62	Feb-08	ADB
62	Boko Sub-Station (ADB)	476	53	Feb-08	ADB
63	Agia Sub-Station (ADB)	525	58	Feb-08	ADB
64	Nazira Sub-Station	405	45	Sep-07	NEC
65	Sarusajai Sub-Station	90	10	Sep-06	NLCPR
66	Balipara Sub-Station	108	12	Dec-06	NLCPR
67	Agia Sub-Station (State Plan)	0	778	Oct-07	State Plan
68	Boko Sub-Station (State Plan)	0	2257	Oct-09	State Plan
69	Bokajan Sub-Station	0	1745	Oct-09	PFC or State Plan
70	Umrangshu Sub-Station	0	2307	Nov-09	PFC or State Plan
71	Rupai (Doomdooma) Sub-Station	0	1707	Nov-09	PFC or State Plan
72	Lumdung Sub-Station	0	2416	Dec-09	PFC or State Plan
73	Nagaon Sub-Station	0	2500	Dec-09	PFC or State Plan
74	Sonabil Sub-Station	0	6855	Nov-09	PFC or State Plan
75	Kokrajhar Sub-Station	0	2100	Dec-10	PFC or State Plan
76	Sonari Sub-Station	0	1600	Jan-11	PFC or State Plan
77	Rangia Sub-Station 400/220	0	7500	Oct-11	PFC or State Plan
78	Rangia Sub-Station 220/132	0	4000	Oct-11	PFC or State Plan
79	Amingaon (Guwahati) Sub-Station	0	4300	Oct-11	PFC or State Plan
80	Lala Sub-Station	0	1200	Feb-12	PFC or State Plan

	Project	Estimated Expenditure (Rs. Lakhs)		Finish	Finance Source
		FY06-07 to FY11-12			
		Grant	Loan		
81	Silapather Sub-Station	0	1100	Feb-12	PFC or State Plan
82	Dudhnoi Sub-Station	0	1600	Feb-12	PFC or State Plan
83	Azara Sub-Station	8550	950	Jan-12	NLCPR
84	Silchar Sub-Station	5400	600	Feb-12	NLCPR
85	132 kV LINE TERMINAL BAY				
86	2 Nos. 220 kV line terminal bay at Samaguri Sub-Station	0	345	Oct-08	PFC or State Plan
87	1 No. 132 kV line terminal bay at Depota Sub-Station	0	123	Oct-08	PFC or State Plan
88	2 Nos. 132 kV line terminal bays at Gohapur Sub-Station	0	242	Oct-08	PFC or State Plan
89	1 No. 132 kV line terminal bay at Nazira Sub-Station	0	123	Oct-08	PFC or State Plan
90	1 No. 132 kV line terminal bay at Lakwa Sub-Station	0	123	Oct-08	PFC or State Plan
91	1 No. 132 kV line terminal bay at Tinsukia Sub-Station	0	123	Oct-08	PFC or State Plan
92	1 No. 132 kV line terminal bay at Margherita Sub-Station	0	123	Oct-08	PFC or State Plan
93	1 No. 132 kV line terminal bay N-Lakhimpur Sub-Station	0	123	Oct-08	PFC or State Plan
94	1 No. 132 kV line terminal bay at Majuli Sub-Station	0	123	Oct-08	PFC or State Plan
95	AUGMENTATION OF SUB-STATIONS				
96	Augmentation of Dibrugah Sub-Station from 1x31.5 MVA to 2x31.5 MVA	174	19	Dec-07	ADB
97	Augmentation of Rangia Sub-Station from 2x16 MVA to 2x25 MVA	183	20	Dec-07	ADB
98	Augmentation of Depota Sub-Station from 1x31.5 MVA to 2x31.5 MVA	174	19	Dec-07	ADB
99	Augmentation of Barnagar Sub-Station from 2x10 MVA to 2x25 MVA	183	20	Dec-07	ADB
100	Augmentation of Pailapool Sub-Station from 2x5 MVA to 2x10 MVA	144	16	Dec-07	ADB
101	Augmentation of Gauripur Sub-Station from 2x10 MVA to 2x16 MVA	157	17	Dec-07	ADB
102	Addition of 1x25 MVA & 1x 31.5 MVA Transformers at Namrup Sub-Station	361	40	Dec-07	ADB
103	Augmentation of Halflong Sub-Station from 2x5 MVA to 2x12.5 MVA	29	3	Dec-07	ADB
104	Augmentation of Rowta Sub-Station from 2x12.5 MVA to 2x25 MVA	234	26	Dec-07	ADB
105	Augmentation of Jorhat Sub-Station from 1x25 MVA & 1x16 MVA to 2x25 MVA (ADB)	92	10	Dec-07	ADB
106	Augmentation of Jorhat Sub-Station from 1x25 MVA & 1x16 MVA to 2x25 MVA (State Plan)	0	303	Sep-08	PFC or State Plan
107	Addition of 1x16 MVA, 132/33 kV Transformer at Jorhat Sub-Station	0	229	Oct-08	PFC or State Plan
108	Augmentation of Transformer capacity of 132/33 kV Margherita Sub-Station from 2x10 to 2x25 MVA	0	611	Mar-09	PFC or State Plan
109	Augmentation of Transformer capacity of 132/33 kV Jagiroad Sub-Station from 2x16 to 2x25 MVA	0	611	Mar-09	PFC or State Plan

Note: For ADB financed projects, a foreign exchange conversion rate of 1 USD = 45 INR has been used.

Investment Plan																	
Assam Electricity Grid Corporation Ltd.																	
Project	Estimated Expenditure (Rs. Lakhs)														Finish	Finance Source	
	FY06-07 Annual Plan		FY07-08 Draft 11th Plan		FY08-09 Draft 11th Plan		FY09-10 Draft 11th Plan		FY10-11 Draft 11th Plan		FY11-12 Draft 11th Plan		Total				
	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan			
1 TRANSMISSION LINES (NEW)																	
2 LILO at Silchar (Srikuna) from 132 kV S/C Panchgram - Pailapool line	9	1	41	5										50	6	Jan-08	ADB
3 LILO at Nalbari (Sariahatali) from 132 kV S/C Rangia - Dhaligaon line	9	1	37	4										46	5	Jan-08	ADB
4 LILO at Golaghat from 132 kV S/C Mariani - Dimapur line	36	4	126	14										162	18	Jan-08	ADB
5 D/C Kahilipara - Sarusjai line	54	6	267	30										321	36	Jan-08	ADB
6 S/C Rangia - Sipajhar - Rowta - Depota line	1,620	180	982	109										2602	289	Jan-08	ADB
7 LILO at Narangi from 132 kV S/C Kahilipara - Chandrapur line	9	1	37	4										46	5	Jan-08	ADB
8 D/C Tinsukia - Namrup line	1,260	140	409	45										1669	185	Jan-08	ADB
9 S/C Lanka - Diphu line	540	60	369	41										909	101	Jan-08	ADB
10 LILO at Moran from 132 kV S/C Lakwa - Dibrughar line	54	6	229	25										283	31	Jan-08	ADB
11 S/C Jorhat - Bokakhat line	540	60	442	49										982	109	Jan-08	ADB
12 S/C Nazira - Sibsagar line	90	10	293	33										383	43	Jan-08	ADB
13 LILO at Biswanath Charali from one circuit of 132 kV D/C Depota - Gohpur line	180	20	209	23										389	43	Jan-08	ADB
14 LILO at Boko from 220 kV one circuit of 220 kV D/C BTPS - Agia - Sarusajai line			52	6										52	6	Jan-08	ADB
15 S/C Mariani - Nazira line	720	80	299	33										1019	113	Sep-07	NEC
16 LILO line at Balipara from one circuit of 132 kV D/C Depota - Gohapur line	270	30												270	30	Mar-07	NLCPR
17 2nd circuit Strg. Of BTPS - Agia - Sarusajai line	165	18	720	80										885	98	Nov-07	NLCPR
18 Renovation of 220 kV D/C Langpi - Sarusjai line		2,738												0	2738	Aug-06	PFC
19 2nd circuit of Tinsukia-Kathalguri line	180	20		310										180	330	Sep-07	PFC (State Plan 06-07)
20 132 kV Mariani-Mokokchang line		87												0	87	Mar-07	State Plan
21 LILO line at Bokajan S/S from 132 kV S/C Mariani - Dimapur line						50		90						0	140	Oct-09	PFC or State Plan
22 LILO at Sonabil from 220 kV D/C Balipara (PGCIL) - Samaguri (AEGCL) line						100		131						0	231	Oct-09	PFC or State Plan
23 LILO at Umrangshu from 132 kV S/C Khandong - Haflong line of PGCIL.						100		100						0	200	Oct-09	PFC or State Plan

Investment Plan																		
Assam Electricity Grid Corporation Ltd.																		
Estimated Expenditure (Rs. Lakhs)																		
Project	Estimated Expenditure (Rs. Lakhs)														Finish	Finance Source		
	FY06-07 Annual Plan		FY07-08 Draft 11th Plan		FY08-09 Draft 11th Plan		FY09-10 Draft 11th Plan		FY10-11 Draft 11th Plan		FY11-12 Draft 11th Plan		Total					
	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan				
24	LILO at Rupai (Doomdooma) from one circuit of 132 kV D/C Tinsukia - Margherita line														0	560	Oct-09	PFC or State Plan
25	Single circuit Lanka - Lumding line on double circuit tower														0	1074	Nov-09	PFC or State Plan
26	Double circuit Samaguri - Nagaon line														0	1119	Feb-10	PFC or State Plan
27	2nd circuit stringing of Samaguri - Lanka line														0	572	Nov-10	PFC or State Plan
28	Single circuit BTPS - Kokrajhar line														0	400	Oct-10	PFC or State Plan
29	LILO line at Sonari S/S from 132 kV S/C Namrup - Lakwa line														0	550	Dec-10	PFC or State Plan
30	Double circuit Biswanath Chariali (PGCIL) - Sonabil (AEGCL) line														0	1500	Sep-11	PFC or State Plan
31	LILO at Rangia Sub-Station from 400 kV D/C Balipara (PGCIL) - Malda (PGCIL) line														0	1200	Sep-11	PFC or State Plan
32	Double circuit Rangia (PGCIL) - Rangia (APGCL) line														0	500	Sep-11	PFC or State Plan
33	Double circuit line from 220 kV Rangia (AEGCL) S/S to 132 kV Rangia (APGCL) S/S														0	100	Sep-11	PFC or State Plan
34	Double circuit Rangia (PGCIL) - Amingaon (APGCL) line														0	1900	Sep-11	PFC or State Plan
35	Single circuit Kokrajhar - Gauripur via Bilasipara														0	1300	Oct-11	PFC or State Plan
36	LILO at Azara from Double circuit Tripura Gas Based Thermal Project - Hariagaon (PGCIL) line														0	1900	Dec-11	PFC or State Plan
37	LILO from 220 kV double circuit BTPS - Agia - Sarusajai line at 400/220 kV Azara Sub-Station (AEGCL)														0	600	Dec-11	PFC or State Plan
38	Single circuit line on D/C tower from 132 kV Jagiroad S/S to 132 kV Nagaon S/S														0	800	Jan-12	PFC or State Plan
39	Single circuit line from 400/132 kV Silchar S/S to 132 kV Lala S/S														0	1000	Jan-12	PFC or State Plan
40	Double circuit line for interconnection of 400/132 kV Silchar S/S to 132 kV Silchar (Srikuna) S/S														0	50	Jan-12	PFC or State Plan
41	Single circuit line on D/C tower from 400/132 kV Silchar S/S to 132 kV Silchar S/S to 132 kV Panchgram S/S														0	700	Jan-12	PFC or State Plan

Investment Plan																	
Assam Electricity Grid Corporation Ltd.																	
Project		Estimated Expenditure (Rs. Lakhs)														Finish	Finance Source
		FY06-07 Annual Plan		FY07-08 Draft 11th Plan		FY08-09 Draft 11th Plan		FY09-10 Draft 11th Plan		FY10-11 Draft 11th Plan		FY11-12 Draft 11th Plan		Total			
		Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan		
42	Single circuit Dhemaji - Silapather line							200		600			416	0	800	Jan-12	PFC or State Plan
43	Double circuit Rangia (PGCIL) - Azara line							500		800			490	0	1300	Jan-12	PFC or State Plan
44	Brahmaputra river crossing for Rangia (AEGCL) - Azara line							400		800			268	0	1200	Jan-12	PFC or State Plan
45	Single circuit Agia - Dudhnoi line							100		300			487	0	400	Jan-12	PFC or State Plan
46	Double circuit Amguri (PGCIL) - Namrup (APGCL) line						800		2,000		2,500		1,630	0	5300	Feb-12	PFC or State Plan
47	Double circuit Amguri (PGCIL) - Mariani (APGCL) line						400		700		1,100		688	0	2200	Feb-12	PFC or State Plan
48	Double circuit Rangia (PGCIL) - BTPS (APGCL) line					1,080	120	3,150	350	4,050	450	556	62	8280	920	Feb-12	NLCPR
49	SUB-STATIONS																
50	Dhemjali Sub-Station	54	6	57	6									111	12	Oct-07	ADB
51	Silchar (Srikuna) Sub-Station	360	40	281	31									641	71	Feb-08	ADB
52	Nalbari (Sariahatali) Sub-Station	405	45	274	30									679	75	Feb-08	ADB
53	Golaghat Sub-Station	405	45	317	35									722	80	Feb-08	ADB
54	Sipajhar Sub-Station	405	45	301	33									706	78	Feb-08	ADB
55	Narangi Sub-Station	405	45	325	36									730	81	Feb-08	ADB
56	Namrup Sub-Station	270	30	61	7									331	37	Feb-08	ADB
57	Diphu Sub-Station	360	40	301	33									661	73	Feb-08	ADB
58	Moran Sub-Station	405	45	293	33									698	78	Feb-08	ADB
59	Bokakhat Sub-Station	405	45	246	27									651	72	Feb-08	ADB
60	Sibsagar Sub-Station	405	45	246	27									651	72	Feb-08	ADB
61	Biswanath Charali Sub-Station	405	45	301	33									706	78	Feb-08	ADB
62	Majuli Sub-Station	405	45	157	17									562	62	Feb-08	ADB
63	Boko Sub-Station (ADB)	405	45	71	8									476	53	Feb-08	ADB
64	Agia Sub-Station (ADB)	315	35	210	23									525	58	Feb-08	ADB
65	Nazira Sub-Station	405	45											405	45	Sep-07	NEC
66	Sarusajai Sub-Station			90	10									90	10	Sep-06	NLCPR
67	Balipara Sub-Station			108	12									108	12	Dec-06	NLCPR
68	Agia Sub-Station (State Plan)				778									0	778	Oct-07	State Plan
69	Boko Sub-Station (State Plan)				600		1,000		657					0	2257	Oct-09	State Plan
70	Bokajan Sub-Station				500		800		445					0	1745	Oct-09	PFC or State Plan
71	Umrangshu Sub-Station				500		1,200		607					0	2307	Nov-09	PFC or State Plan
72	Rupai (Doomdooma) Sub-Station				300		900		507					0	1707	Nov-09	PFC or State Plan
73	Lumding Sub-Station				700		1,100		616					0	2416	Dec-09	PFC or State Plan

Investment Plan																	
Assam Electricity Grid Corporation Ltd.																	
Project		Estimated Expenditure (Rs. Lakhs)													Finish	Finance Source	
		FY06-07		FY07-08		FY08-09		FY09-10		FY10-11		FY11-12		Total			
		Annual Plan		Draft 11th Plan		Draft 11th Plan		Draft 11th Plan		Draft 11th Plan		Draft 11th Plan		Grant			Loan
		Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan		
73	Nagaon Sub-Station				700		1,200		600					0	2500	Dec-09	PFC or State Plan
74	Sonabil Sub-Station				800		2,000		3,000			1,055		0	6855	Nov-09	PFC or State Plan
75	Kokrajhar Sub-Station						300		800			1,000		743	2100	Dec-10	PFC or State Plan
76	Sonari Sub-Station								600			1,000		642	1600	Jan-11	PFC or State Plan
77	Rangia Sub-Station 400/220								2,500			5,000		1,869	7500	Oct-11	PFC or State Plan
78	Rangia Sub-Station 220/132								1,500			2,500		1,501	4000	Oct-11	PFC or State Plan
79	Amingaon (Guwahati) Sub-Station								1,500			2,800		1,334	4300	Oct-11	PFC or State Plan
80	Lala Sub-Station								400			800		541	1200	Feb-12	PFC or State Plan
81	Silapather Sub-Station								300			800		488	1100	Feb-12	PFC or State Plan
82	Dudhnoi Sub-Station								600			1,000		614	1600	Feb-12	PFC or State Plan
83	Azara Sub-Station					1,350	150	3,150	350	4,050	450	2,209	245	8550	950	Jan-12	NLCPR
84	Silchar Sub-Station					900	100	1,800	200	2,700	300	601	67	5400	600	Feb-12	NLCPR
85	132 kV LINE TERMINAL BAY																
86	2 Nos. 220 kV line terminal bay at Samaguri Sub-Station				150		195							0	345	Oct-08	PFC or State Plan
87	1 No. 132 kV line terminal bay at Depota Sub-Station				50		73							0	123	Oct-08	PFC or State Plan
88	2 Nos. 132 kV line terminal bays at Gohapur Sub-Station				100		142							0	242	Oct-08	PFC or State Plan
89	1 No. 132 kV line terminal bay at Nazira Sub-Station				50		73							0	123	Oct-08	PFC or State Plan
90	1 No. 132 kV line terminal bay at Lakwa Sub-Station				50		73							0	123	Oct-08	PFC or State Plan
91	1 No. 132 kV line terminal bay at Tinsukia Sub-Station				50		73							0	123	Oct-08	PFC or State Plan
92	1 No. 132 kV line terminal bay at Margherita Sub-Station				50		73							0	123	Oct-08	PFC or State Plan
93	1 No. 132 kV line terminal bay N-Lakhimpur Sub-Station				50		73							0	123	Oct-08	PFC or State Plan
94	1 No. 132 kV line terminal bay at Majuli Sub-Station				50		73							0	123	Oct-08	PFC or State Plan

Investment Plan																
Assam Electricity Grid Corporation Ltd.																
Estimated Expenditure (Rs. Lakhs)																
Project	FY06-07 Annual Plan		FY07-08 Draft 11th Plan		FY08-09 Draft 11th Plan		FY09-10 Draft 11th Plan		FY10-11 Draft 11th Plan		FY11-12 Draft 11th Plan		Total		Fir	
	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan		
95	AUGMENTATION OF SUB-STATIONS															
96	45	5	129	14										174	19	De
97	45	5	138	15										183	20	De
98	45	5	129	14										174	19	De
99	45	5	138	15										183	20	De
100	45	5	99	11										144	16	De
101	45	5	112	12										157	17	De
102	90	10	271	30										361	40	De
103	0	0	29	3										29	3	De
104	90	10	144	16										234	26	De
105	45	5	47	5										92	10	De
106				100		203								0	303	Sej
107				100		129								0	229	Oc
108				200		411								0	611	Ma
109				200		411								0	611	Ma
110	OTHER INVESTMENT (APSDP)															
111	367	41												367	41	Sej
112	1,196	133												1196	133	De
113	392	44												392	44	Jar
114	313	35	1,776	197										2090	232	Jar
115	926	103												926	103	Oc
116	207	23	1,170	130										1377	153	Jar
117	67	7	379	42										446	50	Jar
	15,514	4,548	12,712	8,300	3,330	13,824	8,100	24,956	10,800	31,878	3,366	17,901		50,456	83,506	

List of Hon'ble Commission's formats for which data has been furnished in this Petition

As applicable for Transmission, Distribution Companies and ASEB Trader

Formats for which data has been submitted	A1, A2, A3, D1, D2, D3, D4, D5, D6, D6A, D7, D8, D9, D10, D11, D15, D16, D20, D21
Formats for which data was not readily available	A4, D14, D17, D18, D18A, D19A, D23
Formats which are found not to be relevant	D9A, D12, D13, D22, D24

Note: The data submitted as per the above formats has been incorporated in the petition either as Tables or as Annexures.

						Form-A1
Ref Form-No	PARTICULARS	2005-06	2006-07	2007-08	2008-09	2009-10
AT1/T1/D1	ENERGY AVAILABLE (MU)	3,484.42	3,791.96	4,127.43	4,579.47	5,292.35
AT2/T2/D2	ENERGY SOLD (MU)	3,258.17	3,545.49	3,875.65	4,312.94	4,984.86
	T & D LOSS (%)	6.5%	6.5%	6.1%	5.8%	5.8%
	INCOME					
D2	REVENUE FROM SALE OF POWER	51.54	193.02	300.91	289.01	325.76
AT3/T3/D3	REV SUBSIDIES & GRANTS *	-	-	-	-	-
AT4/T4/D4	OTHER INCOME	14.29	25.26	25.68	26.12	26.58
	TOTAL	65.84	218.28	326.59	315.14	352.34
	EXPENDITURE					
AT1/D1	PURCHASE OF POWER	-	113.37	109.52	111.06	125.49
AT5/T5/D5	REPAIRS & MAINTENANCE	7.84	9.40	9.97	10.57	11.20
AT6/T6/D6	EMPLOYEES COSTS	41.19	74.38	127.35	100.16	112.14
AT7/T7/D7	ADM & GENERAL EXPENSES	1.76	1.86	1.98	2.09	2.22
AT8/T8/D8	DEPRECIATION AND RELATED DTS	1.23	19.00	24.54	33.15	34.57
AT9/T9/D9	INTEREST & FINANCE CHARGES	14.04	27.83	34.35	44.11	64.21
	SUB-TOTAL	66.05	245.85	307.70	301.13	349.83
T10/D10	LESS: EXPENSES CAPITALISED:	-	2.51	1.48	7.09	11.85
	-INTEREST & FINANCE CHARGES CAPITALISED					
	-OTHER EXPENSES CAPITALISED					
	SUB-TOTAL	-	2.51	1.48	7.09	11.85
AT11/T11/D11	OTHER DEBITS	0.13	0.86	0.86	-	-
AT12/T12/D12	EXTRAORDINARY ITEMS					
	TOTAL EXPENDITURE	66.18	244.21	307.08	294.05	337.98
	PROFIT (LOSS) BEFORE TAX	(0.35)	(25.93)	19.52	21.09	14.36
	PROVISION FOR INCOME TAX	(0.09)	-	6.57	7.10	4.84
	PROFIT (LOSS) AFTER TAX	(0.26)	(25.93)	12.94	13.99	9.53
AT13/T13/D13	NET PRIOR PERIOD CREDITS/ (debits)	(0.59)	-	-	-	-
	SURPLUS/DEFICIT(-)	(0.85)	(25.93)	12.94	13.99	9.53
AT17/T17/D17	NET ASSETS AT THE BEGINNING OF THE YEAR (LESS CONSUMER'S CONTRIBUTION)					
	RATE OF RETURN		5.64	13.99	13.99	13.99

* The amount of Subsidy committed to be given by Government should alone be shown here.

From-A2

BALANCE SHEET AS AT THE END OF THE YEAR

(Rs in Crs)

Ref Form-No	PARTICULARS	2005-06	2006-07	2007-08	2008-09	2009-10
	SOURCES OF FUNDS:					
	SHAREHOLDER'S FUNDS:					
	SHARE CAPITAL	99.93	99.93	99.93	99.93	99.93
	RESERVES & SURPLUS	44.64	18.71	39.09	60.18	81.27
	Total	144.57	118.65	139.02	160.11	181.21
AT9/T9/D9	LOAN FUNDS:					
	LOANS FROM STATE GOVT	36.42	33.78	30.03	26.27	22.52
	LOANS FROM OTHERS- SECURED		118.85	201.63	313.93	539.12
	LOANS FROM OTHERS- UNSECURED	78.78	0.00	0.00	0.00	0.00
	Total	115.20	152.63	231.66	340.20	561.64
AT14/T14/D14	CONTRIBUTIONS, GRANTS & SUBSIDIES TOWARDS COST OF CAPITAL ASSSETS	41.99	201.63	340.64	373.94	454.94
	Less Loss	-0.86				
	GRAND TOTAL	300.90	472.91	711.32	874.25	1197.79
	APPLICATION OF FUNDS:					
	NET FIXED ASSETS:					
AT15/T15/D15	a) GROSS BLOCK	584.90	694.20	1024.30	1066.61	1306.25
AT8/T8/D8	b) LESS:ACCUMULATED DEPRECIATION	-484.98	-503.98	-528.52	-561.67	-596.24
AT16/T16/D16	c) NET FIXED ASSETS	99.92	190.22	495.78	504.95	710.02
AT17/T17/D17	d) CAPITAL WORK IN PROGRESS	95.36	189.18	70.69	207.01	309.77
	e) ASSETS NOT IN USE	0.00	0.00	0.00	0.00	0.00
	f) DEFERRED COSTS	0.04	0.04	0.04	0.04	0.04
	g) INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00
	TOTAL OF (c) TO (g)	195.32	379.44	566.51	711.99	1019.83
	INVESTMENTS	80.22	80.22	80.22	80.22	80.22
	SUBSIDY RECEIVABLE FROM GOVT.	0.00	0.00	0.00	0.00	0.00
	NET CURRENT ASSETS:					
	A. CURRENT ASSETS, LOANS & ADVANCES					
	a) INVENTORIES	45.57	45.57	45.57	45.57	45.57
AT18/T18/D18	b) RECEIVABLES AGAINST SALE OF POWER	0.00	16.08	25.08	24.08	27.15
	c) CASH & BANK BALANCES	7.04	1.57	25.68	44.18	57.18
	d) LOANS & ADVANCES	15.30	15.30	15.30	15.30	15.30
	e) SUNDRY RECEIVABLES	17.74	17.74	17.74	17.74	17.74
	TOTAL OF A	85.64	96.26	129.36	146.88	162.93
	B. CURRENT LIABILITIES AND PROVISIONS:					
	a) SECURITY DEPOSIT FROM CONSUMERS	0.00	0.00	0.00	0.00	0.00
	b) BORROWINGS FOR WORKING CAPITAL	0.00	18.08	0.00	0.00	0.00
	c) PAYMENTS DUE ON CAPITAL LIABILITIES	0.00	0.00	0.00	0.00	0.00
	d) OTHER CURRENT LIABILITIES	60.28	64.94	64.78	64.84	65.21
	TOTAL OF B	60.28	83.02	64.78	64.84	65.21
	NET CURRENT ASSETS (A - B)	25.37	13.24	64.58	82.03	97.73
	GRAND TOTAL	300.90	472.90	711.31	874.25	1197.78

Note: For the projections of current assets and current liabilities, working showing the calculations along with assumptions upon which they are based should be attached.

CASH FLOW STATEMENT FOR THE YEAR

SL NO	PARTICULARS	2005-06	2006-07	2007-08	2008-09	2009-10
	CASH FLOW STATEMENT FOR THE YEAR					
I	Net Funds from Operations:					
1	Net Funds from Earnings:					
	A. Profit before Tax and before Revenue Subsidies & Grants	-	(25.07)	26.95	28.19	28.19
	Less: Income Tax payment during the year	-	-	6.57	7.10	7.10
	Total of A	-	(25.07)	20.37	21.09	21.09
	B. ADD: Debits to Revenue Account not requiring Cash Outflow:					
	(i) Depreciation	-	19.00	24.54	33.15	34.57
	(ii) Amortisation of Deferred Cost	-	-	-	-	-
	(iii) Amortisation of Intangible Assets	-	-	-	-	-
	(iv) Investment Allowance Reserve	-	-	-	-	-
	(v) Others, if any.	-	-	-	-	-
	Total of B	-	19.00	24.54	33.15	34.57
	C. LESS: Credits to Revenue Account not involving Cash Receipts:					
	(i) Depreciation	-	-	-	-	-
	(ii)	-	-	-	-	-
	Total of C	-	-	-	-	-
	Net Funds from Earnings (A+B-C)	-	(6.07)	44.91	54.24	55.66
2	Contributions, Grants and Subsidies towards Cost of Capital Assets	-	159.64	139.01	33.30	81.00
3	Security Deposit from consumers	-	-	-	-	-
4	Proceeds from disposal of Fixed Assets	-	-	-	-	-
5	Total Funds from Operations (1+2+3+4)	-	153.57	183.92	87.54	136.66
6	Net Increase/(Decrease) in Working Capital:					
	A. Increase/(Decrease) in Current Assets:					
	a) Inventories	-	-	-	-	-
	b) Receivables against sale of power	-	16.08	8.99	(0.99)	3.06
	c) Loans and Advances	-	-	-	-	-
	d) Sundry Receivables	-	-	-	-	-
	Total of A	-	16.08	8.99	(0.99)	3.06
	B. Increase/(Decrease) in Current Liabilities:					
	a) Borrowings for working capital	-	18.08	(18.08)	-	-
	b) Other Current liabilities - Power purchase	-	4.66	(0.16)	0.06	0.36
	- Others	-	-	-	-	-
	Total of B	-	22.74	(18.24)	0.06	0.36
	Net Increase/(Decrease) in Working Capital (A - B)	-	(6.66)	27.23	(1.05)	2.70
7	Net Funds from Operations before Subsidies & Grants (5-6)	-	160.23	156.69	88.59	133.96
8	Receipts from Revenue Subsidies and Grants	-	-	-	-	-
Tot I	Net Funds from Operations including Subsidies & Grants (7+8)	-	160.23	156.69	88.59	133.96
II	Net Increase/(Decrease) in Capital Liabilities:					
	A. Fresh Borrowings:					
	(a) State Loans	-	-	-	-	-
	(b) Foreign currency Loans/Credits	-	-	-	-	-
	(c) Other Borrowings	-	45.48	84.50	140.19	249.56
	Total of A	-	45.48	84.50	140.19	249.56
	B. Repayments:					
	(a) State Loans	-	-	-	-	-
	(b) Foreign currency Loans/Credits	-	-	-	-	-
	(c) Other Borrowings	-	8.05	5.48	31.65	28.12
	Total of B	-	8.05	5.48	31.65	28.12
	Net Increase/(Decrease) in Capital Liabilities (A - B)	-	37.43	79.03	108.54	221.44
III	Increase/(Decrease) in Equity Capital	-	-	-	-	-
IV	Total Funds available for Capital Expenditure (I+II+III)	-	197.66	235.72	197.14	355.40
V	Funds Utilised on Capital Expenditure:					
	(a) On Projects	-	203.13	211.61	178.63	342.41
	(b) Advance to Suppliers and Contractors	-	-	-	-	-
	(c) Intangible Assets	-	-	-	-	-
	(d) Deferred Costs	-	-	-	-	-
	Total of V	-	203.13	211.61	178.63	342.41
VI	Net Increase/(Decrease) in Investments	-	-	-	-	-
VII	Net Increase/(Decrease) in Cash & Bank Balance (IV - V - VI)	-	(5.47)	24.11	18.50	12.99
VIII	Add: Opening Cash & Bank balances	-	7.04	1.57	25.68	44.18
IX	Closing Cash & Bank Balances (VII+VIII)	-	1.57	25.68	44.18	57.18

Form-AT3/T3/D3						
Revenue Subsidies and Grants						
(Rs in Crs)						
SI No	Particulars	Previous year 2005-06	Current year 2006-07	Ensuing year 2007-08	Ensuing year 2008-09	Ensuing year 2009-10
1	RE Subsidies					
2	Grants for Research and Development Expenses					
3	Grant for Survey and Investigation	41.99	201.63	340.64	373.94	454.94
4	Others					
	Grand Total	41.99	201.63	340.64	373.94	454.94

Note: The Amount of Grant/Subsidy committed to be given by Govt should alone be taken.

Form-AT4/T4/D4						
Non-Tariff Income (Other Income)						
(Rs in Crs)						
SI No	Particulars	2005-06	2006-07	2007-08	2008-09	2009-2010
1	Interest on Staff Loans and advances	1.54	1.55	1.57	1.59	1.60
2	Income from Investment	12.51	12.63	12.76	12.89	13.02
3	Interest on Loan & advances to licenses	0.24	0.25	0.25	0.25	0.25
4	Delayed Payment Surcharge	-	-	-	-	-
5	Rental from Meters	-	-	-	-	-
6	Interest from Banks (Except Fixed Deposit)	-	-	-	-	-
7	Income from Trading	-	-	-	-	-
8	Reconnection / Disconnection Charges	-	-	-	-	-
9	Depooling of PGCIL Transmission Charges	-	5.21	5.21	5.21	5.21
10	Miscellaneous receipts	-	5.61	5.89	6.18	6.49
11	Miscellaneous Recoveries (Transformer etc)	-	-	-	-	-
	Grand Total	14.29	25.26	25.68	26.12	26.58

Form-AT5/T5/D5						
Repairs and Maintenance Costs						
(Rs in Crs)						
SI No	Particulars	Previous Year 2005-06	Current Year 2006-07	Ensuing Year 2007-08	Ensuing Year 2008- 09	Ensuing Year 2009-10
		Total	Total	Total	Total	Total
	Repairs and maintenance to:					
1	Plant & Machinery	4.20	5.04	5.34	5.67	6.01
2	Buildings	0.84	1.00	1.06	1.13	1.19
3	Civil works	0.01	0.02	0.02	0.02	0.02
4	Hydraulic Works	0.40	0.48	0.51	0.54	0.58
5	Lines, Cable Networks	2.10	2.52	2.67	2.83	3.00
6	Vehicles	0.20	0.24	0.26	0.27	0.29
7	Furniture & Fixture	0.02	0.03	0.03	0.03	0.03
8	Office Equipment	0.06	0.07	0.08	0.08	0.09
	Total	7.84	9.40	9.97	10.57	11.20

Employee Costs					Form- AT6/T6/D6	
(Rs in Crs)						
SI N	Particulars	2005-06	2006-07	2007-08	2008-09	2009-10
		Audited	Total	Projected	Projected	Projected
1	Salaries	18.79	20.67	22.74	29.56	32.52
2	Overtime	1.36	1.50	1.65	2.14	2.35
3	Dearness Allowance	11.27	12.40	13.64	17.73	19.50
4	Other Allowances	2.71	2.99	3.28	4.27	4.70
5	Bonus	0.01	0.01	0.01	0.02	0.02
6	Sub-Total (1 to 5)	34.15	37.56	41.32	53.72	59.09
7	Medical expenses reimbursement	0.09	0.10	0.11	0.14	0.16
8	Leave travel Assistance	0.03	0.03	0.04	0.05	0.05
9	Earned Leave Encashment	-	-	-	-	-
10	Retrenchment Compensation					
11	Payment under Workmen's Compensation Act	-	-	-	-	-
12	Payment to Helpers/ Employees of Storm and	0.00	0.00	0.00	0.00	0.00
13	Total Other staff costs (7 to 12)	0.12	0.13	0.15	0.19	0.21
14	Staff Welfare expenses	0.06	0.07	0.08	0.10	0.11
15	Terminal Benefits	6.85	36.61	85.80	46.14	51.61
16	Sub-total (14 to 15)	6.92	36.68	85.88	46.25	51.72
17	Grand Total	41.19	74.38	127.35	100.16	111.02

NOTE: 1) Employee cadrewise details to be furnished in Form-12.
 2) Working details for the projections shall be provided separately.

Other Staff Costs (Schedule-9)

Employees Costs - Additional information

SI No	Category of employee	Previous Year 2005-06			Current Year 2006-07			Ensuing Year 2007-08			Ensuing Year 2008-09			Ensuing Year 2009-10		
		Sanctioned	Working	Rs in Crores	Sanctioned	Working	Rs in Crores	Sanctioned	Working	Rs in Crores	Sanctioned	Working	Rs in Crores	Sanctioned	Working	Rs in Crores
1	Board of directors															
2	Chief General Manager & equivalents	2	2	0.09		2	0.09		1	0.07		1	0.07		1	0.07
3	General Manager & equivalents	4	4	0.17		4	0.18		4	0.26		1	0.07		1	0.07
4	Dy. General Manager & equivalents	12	12	0.51		10	0.44		9	0.58		8	0.53		6	0.41
5	Sr. Manager & equivalents	35	35	1.37		35	1.41		35	2.07		34	2.07		34	2.14
6	Manager/Dy. Manager & equivalents	179	135	4.91		130	4.89		118	6.50		113	6.41		113	6.61
7	Asst Manager & equivalents	59	50	1.67		47	1.62		46	2.32		42	2.19		38	2.04
8	All other staff	2656	1,797	33.96		1,873	38.09		1,812	55.87		1,754	57.94		1,693	59.71
	Total	2,947	2,035	42.68	-	2,101	46.72	-	2,025	67.67	-	1,953	69.28	-	1,886	71.05

Note:

All numbers of employees should be given on a consistent year-end-basis.
The Cost columns should include remuneration for actual employees, not sanctioned employees.

Administration and General Charges						Form-AT7/T7/D7
(Rs in Crs)						
Sl No	Particulars	2005-06	2006-07	2007-08	2008-09	2009-10
1	Rent, Rates & Taxes	0.08	0.08	0.09	0.09	0.10
2	Insurance	0.09	0.10	0.10	0.11	0.12
3	Telephone Charges	0.22	0.23	0.25	0.26	0.28
4	Postage & Telegram	0.01	0.01	0.01	0.01	0.01
5	Legal Charges	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
6	Audit Fees	0.00	0.00	0.00	0.00	0.00
7	Consultancy Charges	0.00	0.00	0.00	0.00	0.00
8	Technical Fees	0.00	0.00	0.00	0.00	0.00
9	Conveyance & Travel Charges including Vehicle Hiring	0.00	0.00	0.00	0.00	0.00
10	Other Expenses	0.98	1.04	1.10	1.17	1.24
11	Freight	0.26	0.27	0.29	0.30	0.32
12	Outsourcing of Billing and Meter Reading	0.00	0.00	0.00	0.00	0.00
13	Other Purchase related expenses	0.15	0.16	0.17	0.18	0.19
14	Sub Total :	1.76	1.86	1.98	2.09	2.22
15	Less : capitalised	-	-	-	-	-
16	Total :	1.76	1.86	1.98	2.09	2.22

Conveyance and Travel Charges - includes the Vehicle Hiring Charges being incurred by the Discoms

Note: Where the expenditure is more than Rs.1 Crore in respect of each of the above items, full details shall be furnished separately.

Depreciation

Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)

Repeat the same format to provide voltage class-wise information.

(Rs in Crs)

S I N O	Description of assets	Previous year 2005-06			Current year 2006-07			Ensuing year 2007-08			Ensuing year 2008-09			Ensuing year 2009-10			
		Balance of accumulated depreciation at the beginning of the year	Depreciation provided for the year	Withdrawal of depreciation	Balance of accumulated depreciation at the end of the year	Depreciation provided for the year	Withdrawal of depreciation	Balance of accumulated depreciation at the end of the year	Depreciation provided for the year	Withdrawal of depreciation	Balance of accumulated depreciation at the end of the year	Depreciation provided for the year	Withdrawal of depreciation	Balance of accumulated depreciation at the end of the year	Depreciation provided for the year	Withdrawal of depreciation	Balance of accumulated depreciation at the end of the year
1	Land & Rights		-	-		-	-		-	-		-	-		-	-	
2	Building	12.47	0.54	-	13.01	0.37	-	13.39	0.55	-	13.94	0.91	-	14.85	1.03	-	15.88
3	Hydraulic	1.46	0.15	-	1.61	0.07	-	1.68	0.07	-	1.75	0.11	-	1.85	0.08	-	1.93
4	Other Civil Works	0.34	0.03	-	0.37	0.03	-	0.39	0.03	-	0.42	0.04	-	0.46	0.03	-	0.50
5	Plant & Machinery	68.01	0.32	-	68.33	3.89	-	72.22	3.89	-	76.12	6.07	-	82.19	3.58	-	85.77
6	Lines & Cable Net work	398.28	0.13	-	398.41	14.40	-	412.81	19.91	-	432.72	25.95	-	458.67	29.80	-	488.47
7	Vehicles	1.44		-	1.44	0.09	-	1.53	-	-	1.53	-	-	1.53	-	-	1.53
8	Furniture & Fixtures	1.53		-	1.53	0.11	-	1.64	0.05	-	1.69	-	-	1.69	-	-	1.69
9	Office Equipment	0.22	0.06	-	0.28	0.04	-	0.32	0.04	-	0.36	0.07	-	0.43	0.05	-	0.47
10	Capital Spares at Generating Stations			-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-		-	-		-	-		-	-		-	-	
	Grand Total	483.75	1.23	-	484.98	19.00	-	503.98	24.54	-	528.52	33.15	-	561.67	34.57	-	596.24

Interest and Finance charges							Form- AT9/T9/D9	
The information to be provided on a consolidated basis institutionwise.								(Rs. in Crores)
Financial Year 2006-07								
SL.NO.	Name of the Institution	Balance at the beginning of the year 2006-07	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year 2006-07	Rate of interest (indicative range in case of several loans per institution)	Interest for the year	Remarks
1	Loans from State Govt.	37.53	-	(3.75)	33.78	3.77		Includes Interest to be capitalised
2	Loans from PFC	-	-	-	-	-		
3	Loans from REC	-	-	-	-	-		
4	Loans from Public Bonds	77.67	-	(4.30)	73.37	8.68		
5	Loans from ADB/ Other Loans	-	-	-	-	-		
Total		115.20	-	(8.05)	107.15	12.45		
NOTE: 1. Cost of raising finance, other finance charges shall be included under the respective interest charges.								
2. Lease rentals/payments shall be included in this form under "interest column", and additional information be provided in Form AT9A/T9A/D9A								
3. Under Others, Interest on belated payment of power purchase bills and other interest charges be shown with details.								
Financial Year 2007-08								
SL.NO.	Name of the Institution	Balance at the beginning of the year 2007-08	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year 2007-08	Rate of interest (indicative range in case of several loans per institution)	Interest for the year	Remarks
1	Loans from State Govt.	33.78	-	(3.75)	30.03	3.37		Includes Interest to be capitalised
2	Loans from PFC	-	-	-	-	-		
3	Loans from REC	-	-	-	-	-		
4	Loans from Public Bonds	73.37	-	-	73.37	8.44		
5	Loans from ADB/ Other Loans	-	-	-	-	-		
Total		107.15	-	(3.75)	103.39	11.81		
Financial Year 2008-09								
SL.NO.	Name of the Institution	Balance at the beginning of the year 2008-09	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year 2008-09	Rate of interest (indicative range in case of several loans per institution)	Interest for the year	Remarks
1	Loans from State Govt.	30.03	-	(3.75)	26.27	2.97		Includes Interest to be capitalised
2	Loans from PFC	-	-	-	-	-		
3	Loans from REC	-	-	-	-	-		
4	Loans from Public Bonds	73.37	-	(18.44)	54.93	7.38		
5	Loans from ADB/ Other Loans	-	-	-	-	-		
Total		103.39	-	(22.19)	81.20	10.35		
Financial Year 2009-10								
SL.NO.	Name of the Institution	Balance at the beginning of the year 2009-10	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year 2009-10	Rate of interest (indicative range in case of several loans per institution)	Interest for the year	Remarks
1	Loans from State Govt.	26.27	-	(3.75)	22.52	2.58		Includes Interest to be capitalised
2	Loans from PFC	-	-	-	-	-		
3	Loans from REC	-	-	-	-	-		
4	Loans from Public Bonds	54.93	-	-	54.93	6.32		
5	Loans from ADB/ Other Loans	-	-	-	-	-		
Total		81.20	-	(3.75)	77.45	8.89		

Details of Expenses Capitalised				Form-AT10/T10/D10		
(Rs in Crs)						
SI No	Particulars	Previous year 2005-06	Current year 2006-07	Ensuing year 2007-08	Ensuing year 2008-09	Ensuing year 2009-10
1	Interest & Finance charges Capitalised		2.51	1.48	7.09	11.85
2	Other expenses capitalised:					
a	Employee Costs					
b	Administration and General Expenses					
c	Repairs and maintenance					
d	Depreciation					
e	Others, if any					
	Total of 2	-				
	Grand Total		2.51	1.48	7.09	11.85

Other Debits

SI No	Particulars	(Rs in Crs)				
		Previous year 2005-06	Current year 2006-07	Ensuing year 2007-08	Ensuing year 2008-09	Ensuing year 2009-10
1	Material cost variance					
2	Research and Development expenses					
3	Cost of Trading/Manufacturing Activities					
4	Bad & Doubtful Debts written off/provided for					
5	Miscellaneous losses and written off	0.13	0.86	0.86	-	-
6	Sundry Expenses					
8						
	Grand Total	0.13	0.86	0.86	-	-

NOTE: Explanatory notes with full details for each of the items shall be provided.

Gross Fixed Assets

Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)
Repeat the same format to provide voltage class-wise information.

(Rs in

Sl No	Particulars of assets	Previous year-2005-06			Current year -2006-07			Ensuing year-2007-08			Ensuing year-2008-09			Ensuing year-2009-10		
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year
1	Land & Rights				1.98	3.86	5.84	13.34		19.18	0.34		19.52	12.04		31.56
2	Building				16.88	0.43	17.31	16.73		34.04	0.84		34.88	30.11		65.00
3	Hydraulic				2.64	-	2.64	-		2.64	-		2.64	-		2.64
4	Other Civil Works				1.50	-	1.50	-		1.50	-		1.50	-		1.50
5	Plant & Machinery				108.12	-	108.12	-		108.12	-		108.12	-		108.12
6	Lines & Cable Net work				449.49	115.71	565.20	307.76		872.95	41.13		914.08	198.59		1,112.67
7	Vehicles				1.70	-	1.70	-		1.70	-		1.70	-		1.70
8	Furniture & Fixtures				1.87	-	1.87	-		1.87	-		1.87	-		1.87
9	Office Equipment				0.72	-	0.72	-		0.72	-		0.72	-		0.72
10	Capital Spares at Generating Stations				-	-	-	-		-	-		-	-		-
	Total	-	-	-	584.90	119.99	704.89	337.83	-	1,042.72	42.32	-	1,085.04	240.74	-	1,325.78

400 KV

Form
-
AT15
/T15/
D15

Gross Fixed Assets
Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)
Repeat the same format to provide voltage class-wise information.

(Rs
in
Cr)

Sl No	Particulars of assets	Previous year-2005-06				Current year -2006-07			Ensuing year-2007-08			Ensuing year-2008-09			Ensuing year-2009-10			
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	
1	Land & Rights				-			-			-			-		0.05		0.05
2	Building				-			-			-			-				-
3	Hydraulic				-			-			-			-				-
4	Other Civil Works				-			-			-			-				-
5	Plant & Machinery				-			-			-			-				-
6	Lines & Cable Network				-	10.69		10.69	7.74		18.43			18.43	1.04			19.47
7	Vehicles				-			-			-			-				-
8	Furniture & Fixtures				-			-			-			-				-
9	Office Equipment				-			-			-			-				-
10	Capital Spares at Generating Stations				-			-			-			-				-
	Total	-	-	-	-	10.69	-	10.69	7.74	-	18.43	-	-	18.43	1.10	-		19.52

Gross Fixed Assets
Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)
Repeat the same format to provide voltage class-wise information.

(Rs in Crs)

Sl No	Particulars of assets	Previous year-2005-06			Current year -2006-07			Ensuing year-2007-08			Ensuing year-2008-09			Ensuing year-2009-10			
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Land & Rights				0.62	2.25		2.86	3.15		6.01	0.14		6.15	3.81		9.96
2	Building				5.26	0.18		5.44	2.09		7.53	0.27		7.80	10.48		18.28
3	Hydraulic				0.82	-		0.82	-		0.82	-		0.82	-		0.82
4	Other Civil Works				0.47	-		0.47	-		0.47	-		0.47	-		0.47
5	Plant & Machinery				33.69	-		33.69	-		33.69	-		33.69	-		33.69
6	Lines & Cable Net work				140.05	53.19		193.24	65.56		258.80	5.75		264.56	61.90		326.46
7	Vehicles				0.53	-		0.53	-		0.53	-		0.53	-		0.53
8	Furniture & Fixtures				0.58	-		0.58	-		0.58	-		0.58	-		0.58
9	Office Equipment				0.22	-		0.22	-		0.22	-		0.22	-		0.22
10	Capital Spares at Generating Stations				-	-		-	-		-	-		-	-		-
	Total	-	-	-	182.24	55.62	-	237.86	70.80	-	308.66	6.16	-	314.82	76.19	-	391.01

132 KV

Form-
AT15/T15/D15

Gross Fixed Assets

Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)

Repeat the same format to provide voltage class-wise information.

(Rs in Crs)

Sl No	Particulars of assets	Previous year-2005-06			Current year -2006-07			Ensuing year-2007-08			Ensuing year-2008-09			Ensuing year-2009-10		
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year
1	Land & Rights				1.08	1.61	2.69	10.20		12.89	0.21		13.10	8.12		21.21
2	Building				9.23	0.24	9.47	14.64		24.12	0.57		24.69	19.63		44.32
3	Hydraulic				1.45	-	1.45	-		1.45	-		1.45	-		1.45
4	Other Civil Works				0.82	-	0.82	-		0.82	-		0.82	-		0.82
5	Plant & Machinery				59.10	-	59.10	-		59.10	-		59.10	-		59.10
6	Lines & Cable Net work				245.71	41.12	286.82	206.46		493.29	35.38		528.66	134.60		663.27
7	Vehicles				0.93	-	0.93	-		0.93	-		0.93	-		0.93
8	Furniture & Fixtures				1.02	-	1.02	-		1.02	-		1.02	-		1.02
9	Office Equipment				0.39	-	0.39	-		0.39	-		0.39	-		0.39
10	Capital Spares at Generating Stations				-	-	-	-		-	-		-	-		-
	Total	-	-	-	319.73	42.97	362.70	231.30	-	594.00	36.16	-	630.16	162.35	-	792.51

66 KV

Form-
AT15/T15/D15

Gross Fixed Assets

Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)

Repeat the same format to provide voltage class-wise information.

(Rs in Crs)

Sl No	Particulars of assets	Previous year-2005-06				Current year -2006-07			Ensuing year-2007-08			Ensuing year-2008-09			Ensuing year-2009-10		
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
1	Land & Rights				0.26	-	0.26	-	0.26	-	0.26	-	0.26	-	-	0.26	
2	Building				2.22	-	2.22	-	2.22	-	2.22	-	2.22	-	-	2.22	
3	Hydraulic				0.35	-	0.35	-	0.35	-	0.35	-	0.35	-	-	0.35	
4	Other Civil Works				0.20	-	0.20	-	0.20	-	0.20	-	0.20	-	-	0.20	
5	Plant & Machinery				14.25	-	14.25	-	14.25	-	14.25	-	14.25	-	-	14.25	
6	Lines & Cable Net work				59.23	-	59.23	-	59.23	-	59.23	-	59.23	-	-	59.23	
7	Vehicles				0.22	-	0.22	-	0.22	-	0.22	-	0.22	-	-	0.22	
8	Furniture & Fixtures				0.25	-	0.25	-	0.25	-	0.25	-	0.25	-	-	0.25	
9	Office Equipment				0.09	-	0.09	-	0.09	-	0.09	-	0.09	-	-	0.09	
10	Capital Spares at Generating Stations				-	-	-	-	-	-	-	-	-	-	-	-	
	Total	-	-	-	77.08	-	-	77.08	-	-	77.08	-	-	77.08	-	-	77.08

SLDC

Form-
AT15/T15/D15

Gross Fixed Assets

Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)

Repeat the same format to provide voltage class-wise information.

(Rs in Crs)

Sl No	Particulars of assets	Previous year-2005-06			Current year -2006-07			Ensuing year-2007-08			Ensuing year-2008-09			Ensuing year-2009-10		
		Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Additions during the year	Retirement of assets during the year
1	Land & Rights				0.02	-	0.02	-		0.02	-		0.02	-		0.02
2	Building				0.17	-	0.17	-		0.17	-		0.17	-		0.17
3	Hydraulic				0.03	-	0.03	-		0.03	-		0.03	-		0.03
4	Other Civil Works				0.01	-	0.01	-		0.01	-		0.01	-		0.01
5	Plant & Machinery				1.08	-	1.08	-		1.08	-		1.08	-		1.08
6	Lines & Cable Net work				4.49	0.03	4.53	20.25		24.78	-		24.78	-		24.78
7	Vehicles				0.02	-	0.02	-		0.02	-		0.02	-		0.02
8	Furniture & Fixtures				0.02	-	0.02	-		0.02	-		0.02	-		0.02
9	Office Equipment				0.01	-	0.01	-		0.01	-		0.01	-		0.01
10	Capital Spares at Generating Stations				-	-	-	-		-	-		-	-		-
	Total	-	-	-	5.85	0.03	5.88	20.25	-	26.13	-	-	26.13	-	-	26.13

Net Fixed Assets

Information shall be provided voltage class (400 KV, 220 KV, 132 KV, 66 KV, 33 KV, 11 KV and below)

Repeat the same format to provide voltage class-wise information.

(Rs in Crs)

Sl No	Description of assets	Previous year 2005-06				Current year 2006-07			Ensuing year 2007-08			Ensuing year 2008-09			Ensuing year 2009-10		
		Balance of written down cost of assets at the beginning of the year	Net Addition of assets during the year	Net Depreciation for the Year	Balance of written down cost of assets at the end of the year	Net Addition of assets during the year	Net Depreciation for the Year	Balance of written down cost of assets at the end of the year	Net Addition of assets during the year	Net Depreciation for the Year	Balance of written down cost of assets at the end of the year	Net Addition of assets during the year	Net Depreciation for the Year	Balance of written down cost of assets at the end of the year	Net Addition of assets during the year	Net Depreciation for the Year	Balance of written down cost of assets at the end of the year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Land & Rights	-	-	-	1.98	-	-	5.84	-	-	19.18	-	-	19.52	-	-	31.51
2	Building	-	-	-	3.86	-	-	3.92	-	-	20.10	-	-	20.03	-	-	49.11
3	Hydraulic	-	-	-	1.03	-	-	0.97	-	-	0.90	-	-	0.79	-	-	0.71
4	Other Civil Works	-	-	-	1.13	-	-	1.10	-	-	1.08	-	-	1.03	-	-	1.00
5	Plant & Machinery	-	-	-	39.79	-	-	35.90	-	-	32.00	-	-	25.93	-	-	22.35
6	Lines & Cable Net work	-	-	-	51.08	-	-	141.70	-	-	421.80	-	-	436.99	-	-	604.74
7	Vehicles	-	-	-	0.26	-	-	0.17	-	-	0.17	-	-	0.17	-	-	0.17
8	Furniture & Fixtures	-	-	-	0.35	-	-	0.24	-	-	0.19	-	-	0.19	-	-	0.19
9	Office Equipment	-	-	-	0.44	-	-	0.40	-	-	0.36	-	-	0.29	-	-	0.24
10	Capital Spares at Generating Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	99.92	-	-	190.22	-	-	495.78	-	-	504.95	-	-	710.02

**Form
T17/D17**

Works in Progress - (Capital Expenditure)

(Rs in Crs)

Description	Previous year 2005-06	Current year 2006-07	Ensuing year 2007-08	Ensuing year 2008-09	Ensuing year 2009-10
Opening balance					
Add:					
i) Capital expenditure					
ii) Interest & Finance charges capitalised					
iii) Other expenses capitalised					
Total capital expenditure for the year (I+ii+iii)	95.36	200.62	210.12	171.54	330.56
Less: Expenditure Capitalised (Transferred to Form-T15/D15)					
Closing Balance	95.36	200.62	210.12	171.54	330.56

Annexure IV

Actual funding of terminal liabilities against Govt. Notification No. PEL.190/2004/69 dated 04/02/2005						
Rs. crore						
Sl. No.	clause ref.	Source	Agency	2005-06	2006-07	Total
				Actual	Actual	Actual
1	3.2(a)	AGPRMP	Govt. of Assam	0.00	44.10	44.10
2	3.2(b)	Interest income	Trust's investment			
			Disposable	3.76	2.89	6.65
			To be reinvested	4.20	4.20	8.40
3	3.2(c)	Electricity duty	LAEDCL	2.10	2.91	5.01
			CAEDCL	1.40	2.11	3.51
			UAEDCL	2.92	2.40	5.32
4	3.2(d)	BST	ASEB	26.78	27.29	54.07
5	3.2(e)	Govt. Budgetary support	Govt. of Assam	0.00	0.00	0.00
6	2.5	Companies' share	LAEDCL	14.93	14.05	28.98
		22.79% of Pay & DA	CAEDCL	11.83	12.83	24.66
			UAEDCL	10.91	10.84	21.75
			AEGCL	6.85	7.23	14.08
			APGCL	5.94	6.08	12.02
			Total	91.62	136.93	228.55

Note: Govt. of Assam has made budget provision of Rs. 45.00 crores in 2006-07 out of AGPRMP. Release of fund is under process. Rs 44.10 crore has been received in 2006-07 which relates to 2004-05.

Cash deficit support received from GOA						
		Cash deficit as per FRP	Govt. of Assam	107.03	0	107.03

Budgetary support for higher rate of power purchase:

ASEB has not received any budgetary support on account of power purchase.

**UNAUDITED ACTUAL ANNUAL
ACCOUNTS**

FOR FY 2005-06

**ASSAM ELECTRICITY GRID
CORPORATION LIMITED**

ASSAM ELECTRICITY GRID CORPORATION LTD.			
BALANCE SHEET AS ON 31ST MARCH, 2006			
Particulars	Schedule	As on 31st March,2006 (in Rs.)	As on 31st March,2005 (in Rs.)
Sources of Funds			
Shareholders Funds			
Share Capital	1	999,319,406	500,800
Reserves and Surplus	2	866,323,188	-
Loan Funds			
Unsecured Loans	3	1,152,012,184	-
Total		3,017,654,778	500,800
Application of Funds			
Fixed Assets			
Gross Block	4	5,848,957,943	-
Less Accumulated Depreciation	4	4,849,769,064	-
Net Block		999,188,879	-
Capital work in progress	5	953,592,787	-
Investment	8A	802,225,865	-
Total fixed Assets		2,755,007,531	-
Current Assets,Loans and Advances			
Stores and spares	6	455,665,844	-
Sundry Debtors	7	-	-
Cash and Bank Balances	8	70,383,142	500,300
Loans and Advances	9	152,984,422	-
Other Current Assets	10	177,409,904	-
Receivables from GOA	11	-	-
Less: Current Liabilities and Provisions	12	602,787,561	414,312
Net Current Asset		253,655,751	85,988
Miscellaneous Expenditure	13	436,486	376,711
Profit and (Loss) Account		8,555,010	38,101
Total		3,017,654,778	500,800
Significant Accounting Policies and Notes on Accounts	25		
<p>Schedules 1 to 24 and 25 referred to above form an integral part of Balance Sheet and Profit & Loss Account</p>			
For and on behalf of the Board			
(N.C. Deka) Managing Director	()	Director
(S.K.Saha) CGM(F&A)			(D.Barua) Company Secretary

ASSAM ELECTRICITY GRID CORPORATION LTD			
PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st March,2006			
Particulars	Schedule	As on 31st March,2006 (in Rs.)	As on 31st March,2005 (in Rs.)
INCOME			
Wheeling charge	<u>14</u>	515,442,494	-
Other Revenue	<u>15</u>	142,916,423	-
Revenue subsidies and Grants	<u>16</u>	-	-
Total		658,358,917	-
EXPENDITURE			
Purchase of Power	<u>17</u>	-	-
Repair and Maintenance	<u>18</u>	78,361,780	-
Employees Cost	<u>19</u>	411,885,589	-
Administration & General Expenses	<u>20</u>	17,589,544	-
Depreciation and related debits	<u>21</u>	12,358,328	-
Interest and finance charges	<u>22</u>	140,375,155	-
Other Debits	<u>23</u>	1,304,068	-
Total		661,874,464	-
Profit/Loss before tax		(3,515,547)	-
provision for Fringe Benefit Tax		(897,568)	-
Profit /loss after tax		(2,617,979)	-
Net prior period credit/(charges)	<u>24</u>	5,898,930	-
Profit/(loss) loss available for appropriation		(8,516,909)	-
Loss brought forward from previous year		(38,101)	(38,101)
Profit/(loss) after appropriation		(8,555,010)	(38,101)
Profit/(Loss) carried to Balance sheet		(8,555,010)	(38,101)
Significant Accounting Policies and Notes on Accounts	25		
<p>Schedules 1 to 24 and 25 referred to above form an integral part of Balance Sheet and Profit & Loss Account</p> <p>For and on behalf of the Board</p> <p style="text-align: center;">(N.C.Deka) () Managing Director Director</p> <p style="text-align: center;">(S.K.Saha) (D.Barua) CGM(F&A) Company Secretary</p>			

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-1 SHARE CAPITAL

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Authorised; 10000 Equity Shares of 100 each (Increase of Authorised Capital for Rs.100 crore of 10000000 of equity shares of Rs.100/- each, applied for)		1,000,000	1,000,000
Issued, Subscribed and Paid up:			
(i)5008 equity shares of Rs.100/- each fully paid up	54.51	500,800	500,800
(ii) Part of Share capital on reorganisation of ASEB vide transfer scheme dated 16-8-2005,pending allotment	54.5	998,818,606	-
Total		999,319,406	500,800

SCHEDULE-2 RESERVES AND SURPLUS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
General provident fund	57.100-130	446,391,605	-
Grant from GOA (APDRP)	55.302	278,717,000	-
Grant from ADB	55.308	141,214,583	-
Consumers contribution towards cost of capital assets	55.100	-	-
Total		866,323,188	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-3 UNSECURED LOANS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
A. State Government			
Public Bonds	52.11	655,400,000	-
Repayment due on public bonds	51.101	(5,100,000)	-
Interest accrued and due on public bonds	51.203	110,698,293	-
State Government Loans	54.2	364,212,120	-
Interest accrued and due on Govt loans	51.205	11,111,262	-
Sub-Total (i)		1,136,321,675	-
ADB loan	53.303	15,690,509	-
Sub-total (ii)		15,690,509	-
Security Deposits from consumers	48.1 &48.2	-	-
Sub-Total (III)		-	-
TOTAL [(I)+(ii)+(III)]		1,152,012,184	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-4 CATEGORY WISE BREAK UP OF FIXED ASSETS

Sr. No	Account Code	Asset category	GROSS BLOCK				DEPRECIATION				NET BLOCK	
			As on 1st April, 2005	Additions during the year	Deductions during the year	As on 31st March,2006	As on 1st April,2005	Depreciation for the year	Deduction during the year	As on 31st March,2006	As on 31st March,2006	As on 31st March,2005
1	10.1	Land & Rights	18,602,985	1,203,938	-	19,806,923	-	-	-	-	19,806,923	18,602,985
2	10.2	Building	168,786,300	7,418	-	168,793,718	124,738,067	5,419,953	-	130,158,020	38,635,698	44,048,233
3	10.3	Hydraulic	26,434,308	0	-	26,434,308	14,593,374	1,508,305	-	16,101,679	10,332,629	11,840,934
4	10.4	Other Civil Works	14,939,801	28,350	-	14,968,151	3,372,972	305,013	-	3,677,985	11,290,166	11,566,829
5	10.5	Plant & Machinery	754,229,733	3,786,614	(323,178,940)	1,081,195,287	680,083,261	3,227,730	-	683,310,991	397,884,296	74,146,472
6	10.6	Lines & Cable Network	3,998,457,515	46,681,754	(449,736,327)	4,494,875,596	3,982,810,493	1,298,477	-	3,984,108,970	510,766,626	15,647,022
7	10.7	Vehicles	16,471,256	495,172	-	16,966,428	14,404,209	0	-	14,404,209	2,562,219	2,067,047
8	10.8	Furniture & Fixtures	18,468,310	279,730	-	18,748,040	15,265,364	0	-	15,265,364	3,482,676	3,202,946
9	10.9	Office Equipemnt	6,833,806	335,686	-	7,169,492	2,178,740	563,106	-	2,741,846	4,427,646	4,655,066
		SUB TOTAL	5,023,224,014	52,818,662	(772,915,267)	5,848,957,943	4,837,446,480	12,322,584	-	4,849,769,064	999,188,879	185,777,534

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-5 CAPITAL WORK IN PROGRESS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Capital works in progress	14.XXX	847,445,348	-
Contracts in progress	15.1	33,945	-
Advance to suppliers /contractors (Capital)			
a) Advance to supplier Interest bearing	25.1	(598,319)	-
b) Adv to contractors (capital) int.Bearing	25.2	9,070,010	-
c) Advance to supplier-interest free	25.5	86,434,585	-
d) Advance to Contractor -Interest Free	25.6	11,787,174	-
e) Contractors materials control Account (capital)	25.7	(607,615)	-
Provision for accrued interest capitalized			
	25.8	27,659	-
Total		953,592,787	-

SCHEDULE-6 STORES AND SPARES

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Capital:			
Capital Material Purchase	22.201	196,337,789	-
Capital Material Issue	22.30& 22.31&22.34	(28,114,233)	-
Sub-Total (1)		168,223,556	-
O & M:			
O&M material Stock A/c	22.62	78,344,476	-
O&M Material Purchase	22.22	23,910,622	-
O&M Material Issue	22.32&22.33	(30,395,724)	-
O &M Material Stock Adjustemnt	22.52	-	-
O &M Material at Site	22.65	-	-
Sub-Total (2)		71,859,374	-
Other:			
Material transferred Inward	22.40& 22.41	1,348,908	-
Material transferred outward	22.42&22.43	(3,594,285)	-
Metr stock and metering equipment	22.604	318,752,182	-
Other material Account	22.7	25,062,743	-
Material stock-Excess/vShortage pending investigation	22.803	261,285	-
Sub-Total (3)		341,830,833	-
Gross Total		581,913,763	-
Less Provision against Stock	46.917	126,247,919	-
Total		455,665,844	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-7 SUNDRY DEBTORS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Sundry Debtors for sale of Power	23.1		-
Sundry Debtors for Electricity Duty	23.2		-
Provision for Un-Billed Revenue	23.4		-
Dues from permanently Disconnected consumers	23.501		-
Sundry Debtors for Misc. receipts from consumers	23.7		-
Total		-	-
Less: provision for doubtful dues from consumers	23.9		
Net Debtors		-	-

SCHEDULE-8 CASH AND BANK BALANCES

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Cash Account & Imprests with staff	24.1 & 24.2	8,110,910	-
Sub-Total (1)		8,110,910	-
Blainces with Banks			
Revenue Deposit Accounts	24.3 & 33	8,755,758	-
Disbursement account (Principal Account)	24.4	17,677,409	-
Bank Account other than Head Quarter	29	23,815,105	500,300
Inter unit Account-Fund transfer from HQ	34	12,023,960	-
Sub Total (2)		62,272,232	500,300
Total		70,383,142	500,300

SCHEDULE-8A INVESTMENT

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Fixed deposit Accounts	20.28	802,225,865	-
Total		802,225,865	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-9 LOANS AND ADVANCESES

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Advance for GPF/CPF	27.5	(12,263,772)	
Advances for Operation & Maintenance supplies/works	26.1-26.7	163,883,237	-
Loans and advances to staff	27.1, 27.2	1,070,424	-
Loans and advances to Other bodies	27.3		-
Advance Income Tax	27.41	294,533	-
Loans and advances -others	27.8		-
Gross Total		152,984,422	-
Less, provisions for doubtful loans and advances	27.9		-
Net Total		152,984,422	-

SCHEDULE-10 OTHER CURRENT ASSETS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Sundry Receivables	28.XXX	84,017,935	
Sundry Debtors-trading Account	28.1		-
Income Accrued but not Due	28.30	13,641,435	-
Amount receivables from employees/ex-employees	28.40	850,906	-
Miscleneous receivables	28.8	91,151,699	-
Deposits	28.9(Excluding 28.930)	20,632	-
Receivable from ASEB		-	-
Sub Total-1		189,682,607	-
Inter unit Accounts Material	31	92,837,702	-
Inter unit Accounts Capital Expenditure And fixed Assets	32	(93,885,941)	-
Inter Unit Accounts -Personnel	35	53,632	-
Inter Unit Accounts -Opening Balance	36	(11,368,236)	-
Inter Unit Accounts -Rural Electrification	37	-	-
Inter Unit Accounts -Other transaction/Adjustments	38	90,140	-
Inter Unit Accounts -Sale of power	39	-	-
SubTotal-2		(12,272,703)	-
Total(1+2)		177,409,904	-
Less: provisions		-	-
Net Total		177,409,904	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-11 RECEIVABLE FROM GOA FOR SUBSIDY INCLUDING INTEREST

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Interest accrued on unpaid subsidy receivable from GOA	28.291		-
Interest accrued on deferred subsidy receivable from GOA	28.292	-	-
Sub Total-28.2		-	-
Capital incentive receivable from GOA	28.61	-	-
Revenue subsidy receivable from GOA	28.631	-	-
Deffered subsidy receivable from GOA	28.641	-	-
Sub-Total28.6		-	-
Total		-	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-12 CURRENT LIABILITIES AND PROVISIONS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
(a) Current Liabilities			
Liabilities for purchase of power-ASEB	41.16		-
Liabilities for capital supplies /works	42.1	54,120,652	-
Supplies Control Account	42.2	(8,471,660)	-
Provision for supply of materials	42.3	157,681	-
Provision for liability for works	42.5	231,553,271	-
Liability of supply of service connection material from central store	42.6	6,515,606	-
Liabilities for supplies/works(O&M)	43.1	(50,384,433)	-
Suppliers Control (O & M)	43.2	82,032,485	-
Provision for supply of materials (O & M)	43.3	2,051,793	-
Contractors Control A/C (O&M))	43.5	22,373,722	-
Provision for liability for works (O&M)	43.6	(369,819)	-
Sub Total-1		339,579,298	-
Staff related provision	44.1	101,412	-
Unpaid salaries ,wages bonus etc	44.2	585,684	-
salary wage bonus etc payable	44.3	49,135,631	-
Staff deduction and recovery payable	44.4	12,802,142	-
Security Deposit from suppliers/ Contractors	46.1	25,101,173	-
Securities from suppliers/contractors(deposits in the form of fixed deposits etc.)	28.930	220,933	-
Current Liabilities	46.11	414,312	414,312
Electricity Duty payable to Govt.	46.3	1,366	-
Liabilities for expenses	46.4	16,219,016	-
Liability towards Pension Trust	46.5	(17,729,075)	-
Liabilities towards ASEB	46.722		-
Bank overdraft Account	46.975		-
Other liabilities	46.9	177,253,237	-
Sub-total-2		264,105,831	414,312
Deposits for Electricity/Service connection	47	-	-
Total (1+2)		603,685,129	414,312
Provision for Fringe Benefit Tax	46.8	(897,568)	-
Total		602,787,561	414,312

SCHEDULE-13 MISCELLANEOUS EXPENDITURE

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Deferred Cost	17.3	436,486	376711
Total		436,486	376,711

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-14 REVENUE FROM WHEELING CHARGE

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Wheeling charge	64.200	515,442,494	
Domestic Supply	61.201-203		-
Commercial	61.211-213		-
General purpose	61.214-215		-
Public Lighting	61.221-223		-
Irrigation	61.231-233		-
Public Water Works	61.241-243		-
Industrial (LT)	61.251-253		-
Industrial (HT)	61.261-263		-
Industrial (Special)	61.271-273		-
Supply in bulk	61.281-283		-
Tea Garden etc.	61.291-293		-
Total of 61.2		515,442,494	-
Rural Domestic	61.301-302		-
Total of 61.3		-	-
Supply Under Special Agreement	61.401-403		-
Temporary Supply for domestic festival marriage etc. Energy charges	61.451/453		-
Temporary supply for Commercial Energy charges	61.461/463		-
Temporary Supply for irrigation	61.471/473		-
Temporary Supply for Industrial	61.481/483		-
SOP- General purpose (i.e. educational Institute religious palace etc.)	61.491/493		-
Total of 61.4		-	-
<u>ELECTRICITY DUTY AND OTHER STATE LEVIES</u>			
Electricity duty recovery	61.501to 61.513		-
Other State levies recoveries	61.52 to 61.539		-
Total of 61.5		-	-
Rental from Meters. Servie lines, Capacitors etc.	61.6		-
Recoveries from theft of power and malpractices	61.7		-
Wheeling charges recoveries	61.8		-
Miscellaneous recoveries	61.9		-
Total miscellaneous recoveries	61.6 to 61.9	-	-
Gross revenue from sale of power		515,442,494	-
Less Electricity duty payable (Contra)	61.541to 61.553		-
Other State levies recoveries (Contra)	61.561 to 61.573		-
Total		515,442,494	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-15 OTHER INCOME

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Interest on staff loans and advances	62.210		-
Interest on house building advance to staff	62.211		-
Interst on investments in bonds	62.222		-
Interest on investment in form of fixed deposit in banks	62.225	15,388,972	-
Delayed payment charges from consumers	62.240-270		-
Income from sale of scrap	62.340	125,088,577	-
income from staff welfare activity	62.600		-
Misc.receipts (except 62.901)	62.900	2,042,390	-
rent from residential buliding	62.901	396,484	-
Total		142,916,423	-

SCHEDULE-16 REVENUE SUBSIDIES AND GRANT

PARTICULARS	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Revenue subsidies and grants:	63.100	-	-
a) Revenue subsidies and grants	63.110	-	-
b) Grants for research and development	63.120	-	-
c) Subsidy against Interest	63.130	-	-
Subsidies against loss on a/c of flood,fire etc.	63.200	-	-
Total		-	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE 17-PURCHASE OF POWER

PARTICULARS	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
POWER PURCHASE			
I) Power purchase from ASEB	70.600		-
II) Power purchase from NEEPCO	70.102	-	-
III) Power purchase from NHPC	70.103	-	-
IV) Power purchase from Nagaland	70.104	-	-
V) Power purchase from Arunachal Pradesh	70.105	-	-
VI) Power purchase from Tripura	70.106	-	-
VII) Power purchase from BRPL	70.107	-	-
VIII) Power purchase from Oil India	70.108	-	-
IX) Power purchase from EREB (West Bengal)	70.109	-	-
X) Power purchase from DVC	70.110	-	-
XI) Power purchase	70.111	-	-
XII) Power purchase from Orissa	70.112	-	-
XIII) Power purchase from NTPC	70.113	-	-
XIV) Power purchase from DLF	70.114	-	-
XV) Power purchased from PTC	70.115	-	-
Less U.I Charge paid	70.100	-	-
Total Power Purchase	70.1	-	-
	70.2	-	-
Write off cost of acquiring rights to receive	70.3	-	-
Wheeling charges	70.4	-	-
Total of (3,4 &5)		-	-
TOTAL		-	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-18 REPAIR AND MAINTENANCE

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Repair and Maintenance of Plant and Machinery	74.10	42,019,180	-
Repair and Maintenance of Building	74.20	8,354,427	-
Repair and Maintenance of Hydraulic Works	74.30	127,330	-
Repair and Maintenance of Other Civil Works	74.40	4,031,460	-
Repair and Maintenance of Lines, Cable Net Works etc.	74.50	20,958,696	-
Repair and Maintenance of Vehicles	74.60	2,028,109	-
Repair and Maintenance of Furniture and Fixures	74.70	227,810	-
Repair and Maintenance of Office Equipment	74.80	614,768	-
TOTAL		78,361,780	-

SCHEDULE 19 EMPLOYEE COST

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Salaries	75.1	187,923,493	-
Overtime	75.2	13,597,531	-
Dearness Allowance	75.3	112,713,144	-
Other Allowances	75.4	27,146,642	-
Bonus	75.5	119,100	-
Sub-total		341,499,910	-
Medical Expenses Reimbursement	75.611	910,173	-
Leave Travel Concession	75.612	306,753	-
Earned Leave Encashment	75.617	-	-
Payment under workmens Compensation Act	75.629	-	-
Sub-Total		1,216,926	-
Other Staff Cost	75.630-649	8,055	-
Staff Welfare	75.7	645,609	-
Terminal Benefits	75.8	68,515,089	-
Sub Total		70,385,679	-
TOTAL: (6 + 15)		411,885,589	-
Less expenses capitalised		-	-
Total		411,885,589	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-20 ADMINISTRATION AND GENERAL EXPENSES

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Rent Rates and Taxes	76.101-76.102	779,106	-
Insurance	76.104-76.107	916,910	-
Telephone Charges,	76.111	2,215,474	-
Postage.Telegram& Tele Charges	76.112-76.113	97,144	-
Legal charges	76.121	(352,426)	-
Audit Fee	76.122	11,200	-
Consultancy charges	76.123	4,895	-
Technical Fee	76.124	6,800	-
Other Professional Charges	76.125	30,583	-
Conveyance and Travel	76.131-76.139	9,797,591	-
Other Expenses			-
Fees & Subscription	76.151	594,217	-
Book and Periodicals	76.152	141,172	-
Printng and Stationery	76.153	733,982	-
Advertisement,Contributions ,	76.155	-	-
Electricity Charges	76.158	48,022	-
Water charges	76.16	332,659	-
Entertainments	76.162	17,948	-
Billing and meter reading expenses	76.163		-
Misc. Expenses	76.19	689,921	-
Freight	76.210-76.220	7,748	-
Other Purchase related expenses	76.230-76.299	1,516,598	-
Revenue Stamp on receipt issue by the Board	76.501	-	-
Total		17,589,544	-
Less:Expenses Capitalised	76.9	-	-
Total		17,589,544	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-21 DEPRECIATION AND RELATED DEBTS (NET)

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Depriciation .on Building	77.12	5,419,953	-
Depriciation .on Hydrolic works	77.13	1,508,305	-
Depriciation .on other civil works	77.14	305,013	-
Depriciation .on Plant and machinery	77.15	3,227,730	-
Depriciation .on lines , cable network etc	77.16	1,298,477	-
Depriciation .on Vehicles	77.17	-	-
Depriciation .on furniture, fixtures etc	77.18	-	-
Depriciation .on office equipments	77.19	563,106	-
Assets Decommissioning	77.5	35,744	-
Total		12,358,328	-

SCHEDULE-22 INTEREST&OTHER CHARGES

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Interest on State Govt Loans	78.101	6,601,513	-
Interest on Bonds	78.2	75,431,303	-
Sub-Total		82,032,816	-
Interest on consumer security	78.6	-	-
Interest on borrowing for working capital	78.7	-	-
Discount to consumers for timely payment of bill	78.82	-	-
All bank charges (except 78.884)	78.8	1,473,872	-
Interest on General Provident Fund	78.852	56,868,467	-
Bank Gurantee charges	78.884	-	-
Gross Total		140,375,155	-
Less:Interest Capitalised	78.9	-	-
Total		140,375,155	-

ASSAM ELECTRICITY GRID CORPORATION LTD

SCHEDULE-23 OTHER DEBITS TO REVENUE

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Research and Development	79.2		-
Cost of Trading /manufacturing activities	79.3		-
Bad and doubt ful Debt written off	79.41&43		-
Misc. losses and write off	79.5	1,228,726	-
Intangible Asset written off	79.710		-
Deferred revenue expenditure written off	79.729	75,342	-
Losses on Account flood and cyclone to fixed assets	79.881		-
losses on Account flood and cyclone to stock	79.882		-
Sub Total		1,304,068	-
Provision for bad and doubtful debt	79.460		-
Net Total		1,304,068	-

SCHEDULE-24 PRIOR PERIODS(CHARGES)/CREDITS

Particulars	Account code	As on 31st March,2006 (in Rs.)	As on 31 st March,2005 (in Rs.)
Income relating to previous year			
a) Receipts from consumers relating to prior period	65.2		-
b) Interest income for prior period	65.4		-
c) other excess provisions in prior periods	65.8		-
d) other income relating to prior period	65.9		-
Sub-Tota-1		-	-
Prior period expenses			
a) Power purchase for prior period	83.1		-
b) Operating expenses for Prior Period	83.3		-
c) Employee cost relating to Prior Period	83.5	126,631	-
d) Prior Period Depreciation Charges	83.6	5,772,299	-
e) Interest relating to Prior Period	83.7		-
f) other Charges relating to Prior Period	83.8		-
Sub-Total-2 (a-f)		5,898,930	-
Net Total		(5,898,930)	-

Schedule-25

**SIGNIFICANT ACCOUNTING POLICIES AND NOTES FORMING PART
OF ACCOUNTS FOR THE YEAR ENDED 31ST MARCH ,2006.**

Under the provisions of the Electricity Act, 2003 the Assam Electricity Reforms First Transfer Scheme, 2004 (hereafter referred as “Transfer Scheme”) was notified by the Government of Assam on 10th December 2004. As per Schedule “B” of the Transfer Scheme the functions and undertakings as set out in Schedule ‘B’ were transferred to and vested in Assam Electricity Grid Corporation Ltd. As per Government of Assam’s finalization of provisional transfer vide Notification No.PEL.151/2003/Pt/349 dtd. 16.8.05 the opening Balance Sheet of Assam Electricity Grid Corporation Ltd. as at 1.4.2005 based on approved accounts of ASEB as on 31st March 2005 annexed as Schedule II of the said notification was also transferred subject to all consequential adjustments on update, finalization and audit of accounts of Assam State Electricity Board as at 31st March,2005. In exercise of the powers conferred by Clause (c) of the said notification the OBS of Assam Electricity Grid Corporation Ltd. (AEGCL) as on 1.4.2005 has been updated and approved by the Board of ASEB vide Resolution No.5 dtd.12.7.2006 and the same has been forwarded to the Government of Assam vide letter No.ASEB/.ACT/FIN/21/48 dtd. 19.9.2006. The Annual Accounts of AEGCL has been prepared on the basis of approved updated OBS as on 1.4.2005.

1. Significant Accounting policies:

Basis of Preparation:

The financial Statements have been prepared under the historical cost convention, based on accrual basis accounting.

2. Inventories

Stock Accounts of the Company maintained for construction project has been treated as “Capital Stores” and that of O& M purpose treated as “Operational Stores”. Materials are issued to works at standard price.

Shortages found on physical verification of stocks are booked under “Material Shortages pending investigation (Account code 22.8). These shortages are recovered from persons responsible or written off, as the case may be, on completion of investigation.

3. Capital –Work –in-progress

Expenses incurred by the company which is attributable to capital works are charged to Capital Work-in- Progress.

4. Prior Period Expenses

Prior period expenses relating to employee cost of Rs.1.27 Lakh, Under-provision of Depreciation of Rs 57.72 Crore relating to prior period has been incorporated in the Accounts.

5. Fixed Assets and Depreciation

- a) The Fixed Assets are carried as per updated OBS as on 1.4.2005 in respect of the Assets transferred by the State Government and those created by the Company at cost less depreciation.
- b) Depreciation for the period in respect of assets have been provided on straight line method.
- c) The Fixed Assets are depreciated up to 90% of the original cost after taking 10% as the residual value.
- d) Company’s assets are not subject to any lien.
- e) The expenditure on capital work progress is transferred to appropriate asset on commissioning of the asset/when first put to use.

6. Revenue Recognition

Wheeling Charge is accounted for based Tariff rates approved by AERC. Revenue on wheeling charge to ASEB is recognized when the service is provided.

7. Accounting for Government Grants

Government grants received for capital works are treated as Capital Reserve .

8. Accounting for Investments

Investments are carried at cost. Investment in fixed deposits represents unutilized capital funds to be deployed for capital expenditure.

9. Retirement benefits

Pursuant to the Transfer Scheme, the GOA vide Notification No.PEL.190/2004/69 dtd.4th February, 2005 notified the plan for meeting the terminal benefit obligations of personnel transferred from ASEB to successor entities. As per Clause 1.5 of the said notification “Terminal Benefit” means the ASEB’s employee related liabilities including payments of pension, gratuity, leave encashment and General Provident Fund and any other retirement benefits and applicable benefits including right to appropriate revisions in the above benefits consistent with the practice that were prevalent in ASEB:

(A) Funding for past unfunded terminal liabilities is on the basis of actuarial valuation done as at 9th December,2004. The cash outflows towards past unfunded liabilities of existing employees, existing pensioners and existing family pensioners funded pattern will be guided by the aforesaid Govt. notification.

(B) Funding for future services-Terminal Benefits:

The company has made a provision for terminal liability for future service of its existing employees @ 22.79 % of Basic plus DA as per AERC and in the line with the GOA Notification mentioned above.

10. Accounting for Borrowing costs

Borrowing costs other than those attributable to acquisition/construction of qualifying assets are charged to revenue.

11. Details of remuneration to Auditors;

Particulars	Amount (Rs.)
Statutory Audit Fee	10000.00
For other service	NIL
Total	10000.00

12. Accounting for taxes

No income tax has been calculated for the current year due to loss during the year. However, Fringe benefit tax has been provided as per rule.

13. Repayment of Loans

No amount is being reserved for repayment of loan. However, redemption of bonds and interest has been paid duly.

14. Preliminary and Deferred Expenses

One fifth of the preliminary expenses has been written off during the year.

15. Miscellaneous

- i. Expenses incurred in raising of finance are being charged to revenue in the year in which these are incurred.
- ii. Interest on loans and advances to staff is recovered on completion of recovery of principal amount.

NOTES ON ACCOUNTS

- a) The Financial Statements are prepared for the Financial Year starting 1st April, 2005 and ending 31st March, 2006.
- b) In pursuance of finalization of the First Transfer Scheme notified by the Government of Assam vide Notification No.PEL.151/2003/Pt/349 dtd. 16.8.05, the Opening Balance Sheet as at 1.4.2005 has been transferred to the Company. Therefore, 2005-06 is the first year of preparation of Annual Accounts of the Company. The figure for previous year wherever relevant have been shown in the Schedules.

BALANCE SHEET

Opening Balance Sheet as at 1.4.2005

In pursuance of finalization of the First Transfer Scheme notified by the Government of Assam vide Notification No.PEL.151/2003/Pt/349 dtd. 16.8.05, the updated opening balance Sheet as at 1.4.2005 has been transferred to the Company. Therefore, 2005-06 is the first year of preparation of Annual Accounts of the Company. The figure for previous year wherever relevant have been shown in the Schedules.

1. Share Capital

The Authorized share capital of the Company is Rs.5,00,00,000 divided into 5,00,000 Equity shares of Rs.100 each. On notification of Transfer Scheme, Rs. 998818606 as per updated OBS as on 1.4.2005 will be Share Capital pending allotment. The Company has applied for increasing the authorized shares to Rs100 crore of 10000000 Equity Shares of Rs.100 each.

2. Working Capital loans

The Company has pledged Fixed Deposit receipts of Rs.3.50 crore with S.B.I for availing OD limit.

3. Inter-Unit Account

The Balances under IUT shown in Schedule- 10 is in the process of reconciliation.

4. Internal Audit

The Internal Audit is being conducted on rotational basis by the Company's own internal audit section. The internal audit being perpetual in the Company, the audit of accounting units are in continuity.

5. Information on Balance Sheet abstract and company's general business profile is annexed at Schedule-25

For and on behalf of the Board

(N.Deka)
Managing Director

(-----)
Director

Guwahati, the ...th day of, 2007

(S.K.Saha)
CGM (Finance & Accounts)

(D. Barua)
Company Secretary

Statement pursuant to part -IV of schedule VI to Company Act-1956
Balance sheet abstract and Company general Business profile

I	<u>Registration details</u>	
	Registration No	02-07238 of 2003-2004
	State Code	02
	Balance Sheet date	31.3.2006
II	Capital Raised during the year	
	Authorised share capital	1000000000
	Applied for	
	Share allotted vide final Transfer Scheme dt.16.8.2005	
	pending allotment	999319406
	Bonus issue	-
	Right issue	-
	Public issue	-
III	Position of mobilisation and deployment of funds	
	Total liabilities	2414867217
	Total assets	2414867217
	Source of funds	
	Share capital	999319406
	Funds from GOA	364212120
	Reserves and surplus	446391605
	secured loans	
	Unsecured loans	787800064
	consumer security deposit	
	Contribution and grant	419931583
	Application of funds	
	Total Fixed Assets	1952781666
	Investments	802225865
	Net Current Assets	253655751
	Misc. expenditure	436486
	Profit and loss account	8555010
IV	Performance of Company	
	Turnover	
	Total expenditure including previous year	
	Profit/(loss) before tax	(7619341)
	Profit /(loss) after tax	(8555010)
	Earning per share	
	Rate of dividend proposed	
V	Generic name of three principal products/ Service of Company (as per monetary terms)	Transmission of Electricity
	Product code	
	Product description	

For and on behalf of the Board

(N.C. Deka) (-----)
Managing Director Director

(S.K.Saha) (D.Barua)
CGM(Finance&Accounts) CompanySecretary

Guwahati, the ___th day of _____,2007