

NIGERIAN ELECTRICITY SUPPLY INDUSTRY MARKET REPORT FOR THE PERIOD JANUARY-DECEMBER,2007

This report is an account of the activities of the Market Operations Unit for the year 2007. It is presented in six sections, in line with the roles of the Market Operator in the Electricity Industry. The sections are;

1. Administration of the Trading Point Metering and Management of the Metered quantities.
2. Administration of Market Settlements (Billing and Charges).
3. Administration of Market Collections.
4. Administration of Market Payments.
5. Administration of the PPAs and Connection Agreements.
6. Management of Industry Efficiency Improvement Programs.

1.0 ADMINISTRATION OF THE TRADING POINT METERING AND MANAGEMENT OF THE METERED QUANTITIES

1.1 INTER-FACE METERING

Table 1.1 (a) shows the status of the trading point metering in the Wholesale Electricity Market during the year 2007, while table 1.1 (b) shows the Integrity of the interface (trading point) meters.

From table 1.1 (a), it can be seen that there were six hundred and forty two (**642**) trading points nation-wide. Forty-three (**43**) out of this number were generation/transmission interface points, where the generators, including the IPPs, inject energy into the wholesale market. Five hundred

and fifty (**550**) were transmission/distribution interface points where Distributors, including the large power consumers, extract energy from the wholesale market. Forty-two (**42**) were Inter-Disco boundary points in the shared feeders among two or more Distributors, while **7** were the interfaces for export trading. Six hundred and one (**601**) trading points have been metered with intelligent electronic meters while forty one (**41**) points were yet to be metered. The unmetered points were mainly the Inter-Disco boundary points.

1.2 GENERATION CAPACITY AVAILABILITY (JAN - DEC, 2007)

Table 1.2 shows the capacity availability for the generators during the year 2007. The average total monthly available capacity for all the generators was **4,011.58Mw** with about **80%** of the available capacity contributed by the Federal Government owned generators, while **20%** came from the IPPs. Also, the table shows that average hydro : thermal capacity mix during the period was **39 : 61**. This shows a slight deviation from the 2006 mix of **40 : 60**. Fig. 1.2 (a) and fig. 1.2 (b) are the pie charts showing the FGN-IPP capacity (Mw) contributions and average thermal-hydro capacity (Mw) contributions, respectively.

1.3 ENERGY GENERATED (JAN - DEC, 2007)

Table 1.3 shows the total energy generated by all the generators connected to the grid (State-owned generation companies and the IPPs). From the table, it can be seen that a total of **22,978,108.66Mwh** was

generated during the year. Also fig. 1.3(a) and fig. 1.3(b) are the pie charts representing the relative generation contributions of the FGN against the IPP plants and those of the hydro against the thermal plants respectively. The quantities contributed by the different generators is as shown in the table.

1.4 ENERGY INJECTED INTO THE GRID (JAN - DEC, 2007)

Table 1.4 shows the quantities of energy sent into the grid by the different generators during the year 2007. Fig. 1.4(a) and 1.4(b) are the pie charts representing the relative energy contributions of the FGN against the IPP plants and those of the hydro against the thermal plants respectively. From the table, the energy injected into the grid during the year was **21,781,753.35Mwh** or an average of **1,815,146.11Mwh** per month with the highest contribution of **16.95%** from Egbin, followed by Agip with **14.80%**. The FGN generators contributed **77%** of the total energy traded in the WEM while **23%** was contributed by the IPPs. Also, the hydro : thermal mix was **35:65**. This shows a significant increase in the hydro : thermal energy contributions over the 2006 figures of **30:70**

1.5 ENERGY CONSUMED BY THE GENERATORS (JAN - DEC, 2007)

Table 1.5 shows the quantities consumed by the various generators. From the table, it can be seen that Egbin, AES and TransAmadi thermal stations sent out more energy than they generated. This was traced to meter accuracy problems. Ajaokuta thermal station consumed about

34.96% of its generation. On the whole, the generators consumed **828,146.39Mwh** of their total generation for their auxiliary services and offices. Ajaokuta's consumption was for production.

1.6 ENERGY RECEIVED BY THE DISTRIBUTORS (JAN – DEC, 2007)

Table 1.6(a) shows the energy extracted by the various discos and the large power consumers, including the International connections from the grid. The total energy received by the DISCOS and large power consumers was **19,670,622.59Mwh**. Out of this, the DISCOS consumed about **18,351,253.19Mwh** or **93.29%** while **1,019,451.40Mwh** or **5.18%** went for export during the year. A total of **299,918.00Mwh** or **1.53%** went to Ajaokuta, NIOMCO Itakpe and Delta Steel Company Aladja.

Table 1.6(b) shows that out of the **21,781,753.35Mwh** injected into the grid by the generators, **19,670,622.59Mwh** was received by the Distributors. This means that a total average of **2,111,130.76Mwh** was lost in the transmission network during the year resulting in an average Transmission Loss Factor of **9.69%**

2.0 ADMINISTRATION OF MARKET SETTLEMENTS (BILLING AND CHARGES)

2.1 ELECTRICITY PRICES FOR THE DISTRIBUTION COMPANIES (JAN-DEC,2007)

Average wholesale price of electricity during the year was **3.37N/Kwh**.

This was a **23%** improvement on the 2006 average price of **2.74N/Kwh**.

The overall weighted average increase of about **23%** of the 2007 wholesale prices over the 2006 prices is shown in the graph in fig. 2.1.

The increase was due to the collection efficiency improvement resulting from efficiency improvement program implemented during the year.

2.2 SALES AT THE WHOLESALE ELECTRICITY MARKET -DISCOS (JAN-DEC,2007)

Table 2.2 shows that the total invoice issued by the Market Operator during the year was **N74.96bn**. Out of this, **N67.69bn** or **90.30%** was issued to the DISCOS while **N4.81bn** or **6.41%** was issued to the international connections.

Invoices in the sum of **N2.47bn** or **3.29%** was issued to the large power consumers (Ajaokuta, Itakpe and Delta Steel Company).

2.3 SALES AT THE WHOLESALE ELECTRICITY MARKET -GENCOS(JAN-DEC,2007)

Table 2.3 shows that the total charges by generators during the year was **N35.86bn**. Out of this, **N14.33bn** or **40%** was by the FGN generators while **N21.52bn** or **60%** was from the IPPs.

2.4 PHCN/AJAOKUTA ENERGY GENERATION RECONCILIATION (JAN - DEC, 2007)

The component of Ajaokuta generation injected into the grid was netted off with Ajaokuta consumption and part of the consumption by its sister companies (Delta Steel Company and NIOMCO Itakpe) during the year.

Table 2.4 shows that the net energy due to be paid for by Ajaokuta during the year was **80,208,200MWh**.

3.0 ADMINISTRATION OF MARKET COLLECTION

3.1 REVENUE COLLECTED AT THE RETAIL ELECTRICITY MARKET –REM (JAN – DEC, 2007)

This is the revenue collected by the distribution companies from the retail of electricity to the industrial, commercial and domestic end-consumers. Table 3.1 shows that a total of **N86.02bn** was collected by the DISCOS for the energy sold during the year 2007. The table also shows the percentage contributions by the various discos. Ikeja Electricity Distribution Company consumed the highest amount of energy, and also made the highest contribution of **18.25%** to collection during the year. Yola Electricity Distribution Company collected **1.60%** of the total revenue while it received **2.15%** of the total energy delivered to the consumers during the year.

3.2 REVENUE COLLECTED AT THE WHOLESALE ELECTRICITY MARKET –WEM (JAN – DEC, 2007)

This is the revenue collected from the invoices issued by the Market Operator to the Distribution Companies, International Connections and the large power consumers.

Table 3.2 shows that the total WEM collection for energy delivered during the year 2007 was **N51.20bn**. The table also shows that the highest contribution to the WEM collection came from Ikeja Electricity Distribution Company with **18.47%** collection contribution. Collections in respect of the International connections was **N4.13bn** or **8.06%**. The least

contribution came from Yola Electricity Distribution Company (**0.14%**). Between tables 2.1 and 3.2, the average WEM collection efficiency during the year was calculated as **69%**. The WEM collection as a percentage of the REM collection was **59%**. This means that **41%** of the REM collection was retained by the DISCOS for their staff salaries and operating expenses.

4.0 ADMINISTRATION OF MARKET PAYMENTS

4.1 APPLICATION OF THE REVENUE COLLECTED AT THE WEM (JAN - DEC, 2007)

The revenue collected at the WEM during the year was applied in the market as shown in table 4.1. From the table, it can be seen that the FGN generators received **13.39%** of WEM collection or **7.97%** of the total Industry (REM) collection during the year. The TCN including the Market Operation Unit received **12.31%** of WEM or **7.32%** of REM collection. The IPPs were paid about **23.36%** of the WEM or **13.90%** of the REM collection during the year. The CHQ received **19.86%** of the WEM or **11.82%** of the REM collection while **7.04%** of WEM or **4.19%** of REM collection was paid for VAT. For Gas Supply, **4.83%** of WEM or **2.88%** of REM collection was paid.

5.0 ADMINISTRATION OF THE PPAS AND CONNECTION AGREEMENTS

5.1 STATUS OF THE IPPS AND OPERATION OF THE PPAS (JAN - DEC, 2007)

Table 5.1 shows that Agip nominated an average capacity of **476.70Mw** but delivered an average **310.47Mw**. The wide gap between the NDC and actual generation was attributed to scheduled short down of the plants. The invoice received from Agip for the capacity nominated and energy delivered during the year was **\$155.71m**. Payment made to Agip during the year was **\$58.47m**. Cumulative outstanding in favour of Agip for the year including brought forward was **\$142.11m**.

AES nominated an average capacity of **300.87Mw** but delivered an average of **178.22Mw**. The company issued invoices in the total sum of **\$69.49m** for the capacity nominated during the year. Payment made to AES during the year was **\$62.78m**. Cumulative outstanding to AES for the year was **\$5.66m**.

NESCO invoice of **N85.74m** for energy supplied during the year was paid. There was no outstanding in favour of NESCO for the year 2007.

5.2 OPERATION OF THE CONNECTION AGREEMENTS

Table 5.2 shows the power and energy supplied to NIGELEC and CEB during the year 2007. The table shows that an average of **71.34Mw** and total of **450,721.00Mwh** was supplied NIGELEC while an average of **80.00Mw** and total of **570,151.00Mwh** was supplied CEB during the year.

Total of invoices issued NIGELEC was **\$14.86m** while total payment made was **\$14.20m**. Total outstanding balance in favor of PHCN from NIGELEC for the year, 2007 (including receivable brought forward) was **\$5.31m**. Total of invoice issued CEB for electricity it received during the year, 2007 was **\$25.68m**. The sum of **\$20.66m** was paid. Total outstanding against CEB for the year was **\$5.02m**.

6.0 ADMINISTRATION OF EFFICIENCY IMPROVEMENT PROGRAMS

The Market Operator was responsible for the central coordination of the non-technical loss reduction and efficiency improvement programs of the Industry during the year. This was in recognition of the fact that collection efficiency at the Wholesale Electricity Market (WEM) place was largely dependent on the collection efficiency at the Retail Electricity Market (REM) place.

6.1 INCENTIVE SCHEME

Table 6 shows the DISCO performances against their respective quarterly targets during the year, 2007. Five out of the eleven Distribution Companies performed above their average targets while the performances of the rest six were below set targets.

6.2 THE NATIONAL PRE-PAYMENT METERING PROGRAM

The contracts signed with private operators to invest in and manage pre-payment metering in 9 out of the eleven Electricity Distribution Companies was in its second year of operation. During the year, a pilot PPM Program was started in Kano while the Ikeja PPM contract was still in progress.

The progress in the National Pre-Payment Metering Program, including the Ikeja and Kano projects is shown in table 6.1. From the table, it can be seen that a total of **290,863** (that is **212,612** single phase and **78,251**

three phase) Pre-Payment Meters had been installed throughout the country.

The table also shows that the total average KWh vended per month came up to **78,719,944.70 KWh** in December, 2007, while the average revenue per month came up to **N574,903,565.95**. The low figure can be attributed to low energy generation with the attendant long hours of load shedding throughout the year.

7.0 GAS CONSUMPTION

All thermal plants including AES consumed **133,880,020,737.59Scf** of gas during the year while invoices on the gas at the same period was about **N7.31bn**. Out of which **N2.48bn** was paid.

8.0 MARKET OPERATORS WEBSITE

The consultant commissioned by the Market Operations Unit to work on the development of a website, in line with the requirements of the Market Rule has completed its works during the year. The address is www.onemng.org

Market Operator's information can be accessed on this site.

9.0 OUTSTANDING ISSUES

The following projects and activities billed for execution were yet to be accomplished;

9.1 METERING OF THE TRANSMISSION STATION CONSUMPTIONS

The project for the metering of the transmission stations' consumptions is aimed at measuring the energy consumptions of offices and station auxiliaries of the transmission stations.

When the project is completed, the energy so measured shall be deducted from the losses passed on to the DISCOS and charged against the TCN. In turn, this shall be considered as part of TCN costs of service. By so doing, true Transmission Loss Factor (TLF) can be determined, prudence may be achieved in the use of energy in the transmission stations, especially in the offices so that more energy can be released to the market for sale. This project was **50%** completed as at December, 2007.

9.2 INTER COMPANY BOUNDARY METERING

The Inter Company Boundary Metering Project which is the only outstanding trading point metering in the Wholesale Market was about **20%** completed as at December, 2007.

9.3 TELEMETERING

The reading of the trading point meters was still a manual process by end of 2007. The plan to automate the process was still in progress.

1.0 ADMINISTRATION OF THE TRADING POINT METERING SYSTEM AND MANAGEMENT OF THE METERED DATA

1.1 INTER-FACE METERING

TABLE 1.1(a) STATUS OF TRADING POINT METERING (JAN - DEC, 2007)

TRANSMISSION REGION	GENERATOR	DISTRIBUTOR	TYPE OF INTERFACE	NO	STATUS	REMARK
ABUJA	SHIRORO		GEN/TRANS	4	OK	
	JEBBA		GEN/TRANS	2	OK	
	KAINJI		GEN/TRANS	3	OK	
		NIGELEC	PHCN/NIGELEC	3	OK	EXPORT
		ABUJA	TRANS/DIST	55	OK	
		ABUJA/KADUNA	DIST/DIST	4	NOT OK	YET TO BE METERED
		ABUJA/BENIN	DIST/DIST	3	NOT OK	YET TO BE METERED
BAUCHI	NESCO		GEN/TRANS	4	NOT OK	GANAWUR BURNT. OTHERS ARE OK
		NIGELEC	PHCN/NIGELEC	1	OK	EXPORT
		JOS	TRANS/DIST	29	OK	
		JOS/YOLA	DIST/DIST	2	NOT OK	YET TO BE METERED
		JOS/KADUNA	DIST/DIST	1	NOT OK	YET TO BE METERED
		JOS/ABUJA	DIST/DIST	1	NOT OK	YET TO BE METERED
		JOS/KANO	DIST/DIST	2	NOT OK	YET TO BE METERED
		YOLA	TRANS/DIST	29	OK	
BENIN	SAPELE		GEN/TRANS	3	OK	
	DELTA		GEN/TRANS	5	OK	
	GEREGU		GEN/TRANS	N/A	OK	
		BENIN	TRANS/DIST	45	OK	
ENUGU	AGIP		GEN/TRANS	8	OK	
		ENUGU	TRANS/DIST	45	OK	
		ENUGU/PHC	DIST/DIST	4	NOT OK	ONLY I NO METERED
		ENUGU/ABUJA	DIST/DIST	1	OK	
		ENUGU/BENIN	DIST/DIST	1	NOT OK	YET TO BE METERED
KADUNA		KADUNA	TRANS/DIST	42	OK	
		NIGELEC	PHCN/NIGELEC	2	OK	EXPORT
		KADUNA/KANO	DIST/DIST	2	NOT OK	YET TO BE METERED
		KANO	TRANS/DIST	36	OK	
		KANO/YOLA	DIST/DIST	1	NOT OK	YET TO BE METERED
LAGOS	EGBIN		GEN/TRANS	6	OK	
	AES		GEN/TRANS	2	OK	
		CEB	PHCN/NIGELEC	1	OK	EXPORT
		IKEJA	TRANS/DIST	75	OK	
		IKEJA/IBADAN	DIST/DIST	3	NOT OK	YET TO BE METERED
		IKEJA/EKO	DIST/DIST	15	NOT OK	YET TO BE METERED
		EKO	TRANS/DIST	75	OK	
		EKO/IBADAN	DIST/DIST	1	NOT OK	YET TO BE METERED
OSOGBO		IBADAN	TRANS/DIST	76	OK	
	OMOTOSO	IBADAN/BENIN	DIST/DIST	1	NOT OK	YET TO BE METERED
PORTHARCOURT	AFAM		GEN/TRANS	6	OK	
	OMOKU		GEN/TRANS			YET TO BE METERED DUE TO LACK OF ACCESS
	RST		GEN/TRANS			YET TO BE METERED
	ELEME		GEN/TRANS			YET TO BE METERED
		PORTHARCOURT	TRANS/DIST	43	OK	
TOTAL				642		

TABLE 1.1(b) INTEGRITY REPORT ON GRID METERS (JAN - DEC, 2007)

REGION	STATION	COMPLAINTS AND OBSERVATION	ACTION TAKEN	REMARKS
ABUJA	KUBWA	NEWLY COMMISSIONED KUBWA AND BWARI 33KV FEEDERS HAVE NO ENERGY METERS	IT WAS DISCOVERED THAT V.T. OUTPUT OF T1 WAS NOT WIRED TO THE 33KV CONTROL PANEL	RTM ABUJA REGION ALREADY INFORMED
BAUCHI	GOMBE			
	AZARE			
	MAIDUGURI			
	YOLA			
	SAVANAH			
	POTISKUM			
BENIN	UKPILLA			
	SAPELE			
	AJAKUTA			
ENUGU	NKALAGU			
	NEW HAVEN	T1 & T2 INCOMER DID NOT RECONCILE WITH ITS FEEDERS	NO ACTION YET	STATION TO BE VISITED FOR RECONCILIATION
	ABA			
	ONITSHA			
	OWERRI			
KADUNA	GUSAU	T2A AND T2B 33KV FEEDER CARRIES AVERAGE LOADS OF 120A BUT BOTH HAS C.T.R OF 100/50/1A.	RTM KADUNA HAD BEEN INFORMED.	C.T.S OF BOTH FEEDERS SHOULD BE UPGRADED
	MANDO	T1 INCOMER METERING C. T. FAULTY T2 INCOMER HAS NO METERING C. T. CORE	RTM KADUNA HAD BEEN INFORMED.	METERS NOT FUNCTIONING
LAGOS	ISOLO	ENERGY METERS ON AFPRINT, AJAO AND PTC ARE BURNT	NO ACTION YET	STATION TO BE VISITED FOR RECONCILIATION
	OTA			
	OSHOGBO			
	IFE			
	ILORIN			
	OMU ARO			
PORTHARCOURT OSOGBO	SAGAMU	NO VT ON T2	NO ACTION YET	STATION TO BE VISITED FOR RECONCILIATION
	ISEYIN	SAKI FEEDER TIED TO ISEYIN FEEDER	NO ACTION YET	THE CIRCIUT BREAKER IS BAD
PORTHARCOURT	AFAM	132KV LINE CT UPGRADED	NO ACTION YET	STATION TO BE VISITED FOR REPROGRAMME
	CALABAR	T1 INCOMER DID NOT RECONCILE WITH IT'S FEEDERD	NO O/P ON BLUE PHASE CT OF THE INCOMER	AWAITING CT REPLACEMENT BY TCN
	PORTHARCOURT			

1.2 GENERATION CAPACITY AVAILABILITY

TABLE 1.2 GENERATION CAPACITY (MW) AVAILABILITY (JAN - DEC, 2007)

OWNERSHIP	TECHNOLOGY	GENERATOR	JAN	FEB	MAR	APR	MAY	JUN	JUL
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	173.22	152.43	138.00	138.00	240.33	199.31	231.72
		DELTA	470.06	432.14	427.97	332.53	346.03	308.43	346.68
		EGBIN	1,006.45	832.86	661.83	735.86	752.26	678.07	820.67
		GEREGU	-	-	144.94	228.17	341.87	254.08	246.00
		SAPELE	120.00	112.83	120.00	120.00	120.00	66.71	69.26
		OMOTOSO	-	-	-	-	-	-	-
		PAPALANTO	-	-	-	-	-	-	-
	HYDRO	JEBBA	578.40	561.84	565.96	568.76	578.40	501.50	510.00
		KAINJI	421.94	369.36	521.61	578.83	601.13	377.33	472.10
SHIRORO		595.16	472.22	517.74	515.00	454.84	471.17	406.77	
INDEPENDENT POWER PRODUCERS	THERMAL	AES	250.25	212.80	185.63	204.88	200.48	195.82	205.82
		AGIP	444.16	448.54	380.47	304.60	400.00	286.38	478.42
		AJAOKUTA	76.94	92.32	90.32	92.07	94.03	65.53	80.00
		ELEME	-	-	-	-	-	-	-
		OMOKU	49.82	62.68	78.00	100.00	78.45	63.30	92.06
		T/AMADI	N/A						
	HYDRO	NESCO	32.50	32.50	32.50	32.50	32.50	32.50	32.50
TOTAL			4,218.90	3,782.52	3,864.97	3,951.20	4,240.32	3,500.13	3,992.00

OWNERSHIP	TECHNOLOGY	GENERATOR	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE	%
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	198.59	223.61	233.35	250.07	267.97	2,446.60	203.88	5.08
		DELTA	296.90	333.57	351.00	309.57	281.00	4,235.88	352.99	8.80
		EGBIN	700.00	792.67	640.00	545.24	622.90	8,788.81	732.40	18.26
		GEREGU	290.84	198.31	259.42	269.27	214.80	2,447.70	203.98	5.08
		SAPELE	108.03	102.04	49.71	86.09	83.70	1,158.37	96.53	2.41
		OMOTOSO	62.88	99.66	146.44	155.75	208.20	672.93	61.18	1.40
		PAPALANTO	-	-	-	-	105.34	105.34	8.78	0.22
	HYDRO	JEBBA	499.84	548.50	560.00	524.33	622.90	6,620.43	551.70	13.75
		KAINJI	455.81	434.33	464.29	470.50	487.73	5,654.96	471.25	11.75
SHIRORO		540.32	538.07	590.32	600.00	455.00	6,156.61	513.05	12.79	
INDEPENDENT POWER PRODUCERS	THERMAL	AES	237.97	229.23	238.52	268.89	255.01	2,685.30	223.78	5.58
		AGIP	478.90	419.17	452.35	471.20	462.40	5,026.59	418.88	10.44
		AJAOKUTA	56.87	61.33	80.00	31.33	26.42	847.16	70.60	1.76
		ELEME	-	-	-	-	-	-	-	-
		OMOKU	77.32	83.33	71.77	71.43	74.13	902.29	75.19	1.87
	T/AMADI	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
HYDRO	NESCO	32.50	32.50	32.50	32.50	32.50	390.00	32.50	0.81	
TOTAL			4,036.77	4,096.32	4,169.67	4,086.17	4,200.00	48,138.97	4,011.58	100

HYDRO : THERMAL = 39: 61

FGN : IPP = 80 : 20

Fig. 1.2(a)

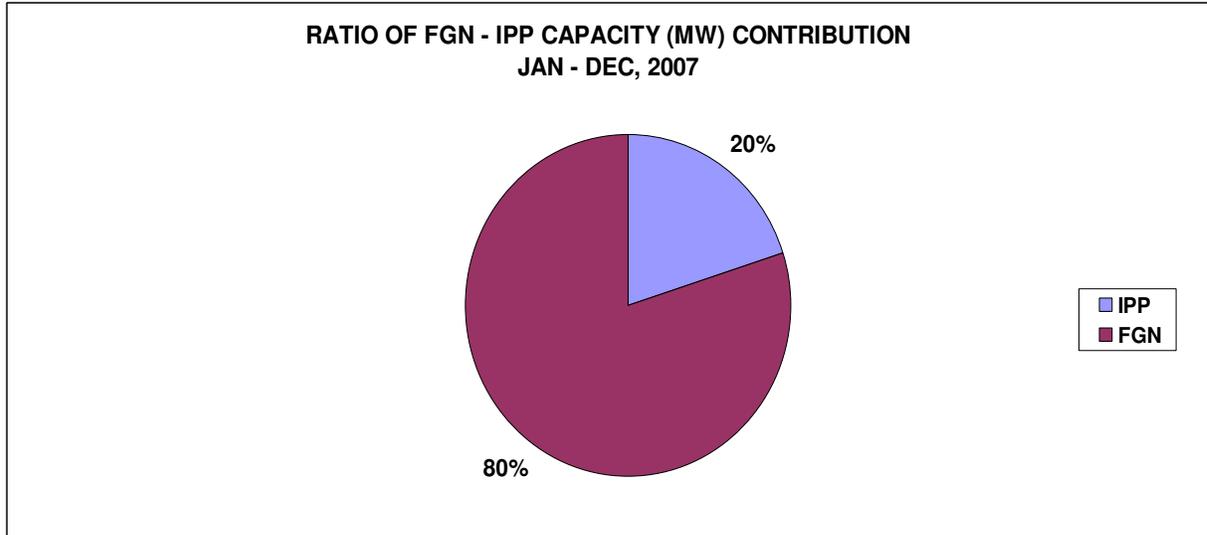
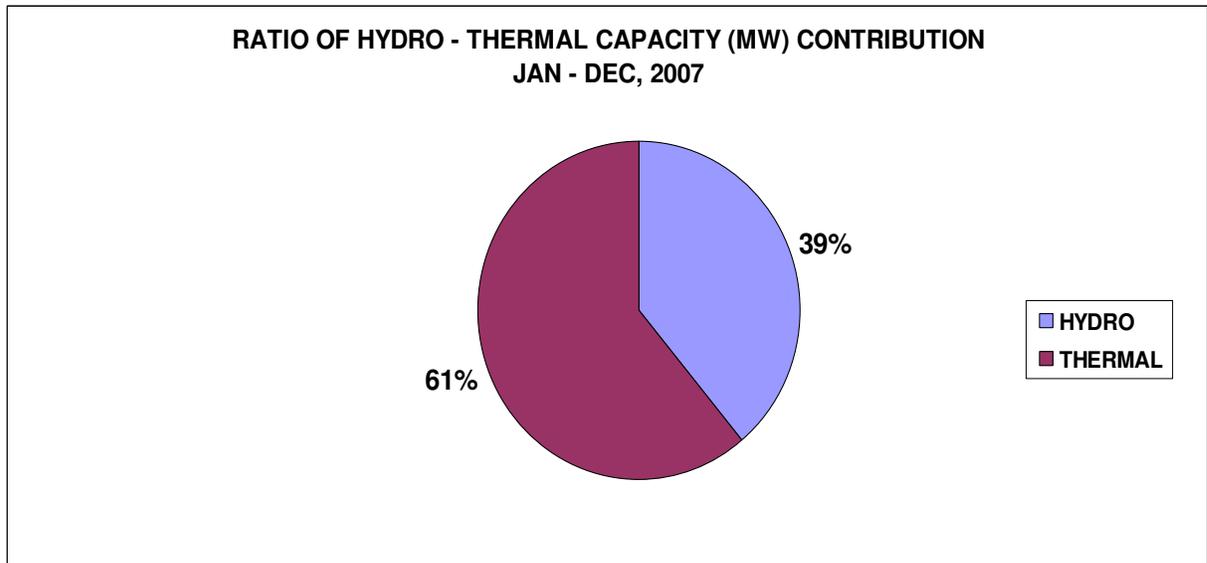


Fig. 1.2(b)



1.3 ENERGY GENERATED

TABLE 1.3 ENERGY (MWH) GENERATED BY THE GENERATORS (JAN - DEC, 2007)

OWNERSHIP	TECHNOLOGY	GENERATOR	JAN	FEB	MAR	APR	MAY	JUNE	JUL
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	89,691.00	35,653.70	33,920.20	68,021.50	169,186.50	133,737.20	142,542.60
		DELTA	321,061.00	251,557.40	250,188.00	213,153.00	218,094.00	217,190.90	220,961.00
		EGBIN	423,493.49	347,511.09	181,102.39	323,920.75	398,551.01	365,563.00	298,869.72
		GEREGU	14,789.12	1,075.00	54,270.00	128,575.60	155,914.18	150,131.00	127,594.90
		SAPELE	38,575.00	34,399.00	40,505.00	39,490.00	33,236.00	43,647.00	46,042.00
		OMOTOSO	-	-	-	-	-	-	16,256.11
	HYDRO	JEBBA	244,165.00	213,105.00	223,989.00	270,807.00	235,875.00	108,520.00	78,393.00
		KAINJI	226,974.00	186,810.00	299,805.00	299,348.00	248,057.00	120,051.40	86,015.30
		SHIRORO	255,007.00	193,805.00	137,458.00	85,776.00	103,974.00	131,566.00	210,884.00
INDEPENDENT POWER PRODUCERS	THERMAL	AES	179,136.55	139,278.34	81,225.51	113,989.40	150,047.75	13,651.53	127,108.31
		AGIP	282,885.00	266,845.00	233,314.00	129,863.00	233,532.00	201,260.00	338,545.00
		AJAOKUTA	40,126.00	37,198.00	40,920.00	47,894.00	43,512.00	38,215.00	37,907.00
		ELEME	-	-	-	-	-	-	-
		OMOKU	15,246.52	20,685.00	21,928.00	41,717.40	41,389.30	37,602.40	23,085.60
		T/AMADI	4,045.00	3,085.00	3,294.00	3,665.00	3,718.00	3,119.00	-
	HYDRO	NESCO	3,152.71	2,131.33	2,067.90	2,638.85	3,393.22	3,080.17	3,980.08
TOTAL			2,138,347.39	1,733,138.86	1,603,987.00	1,768,859.50	2,038,479.96	1,567,334.60	1,758,184.62

OWNERSHIP	TECHNOLOGY	GENERATOR	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE	%
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	132,726.00	128,360.40	148,794.00	142,761.60	175,764.90	1,401,159.60	116,763.30	6.10
		DELTA	208,163.70	201,932.00	219,526.40	194,787.70	180,083.50	2,696,698.60	224,724.88	11.74
		EGBIN	301,618.85	287,521.37	194,983.85	225,899.00	287,646.00	3,636,680.52	303,056.71	15.83
		GEREGU	208,163.70	85,535.60	101,539.00	75,874.60	104,878.50	1,208,341.20	100,695.10	5.26
		SAPELE	73,015.00	50,903.00	21,337.00	20,297.00	49,344.00	490,790.00	40,899.17	2.14
		OMOTOSO	32,757.80	16,298.40	15,740.25	25,249.80	41,238.70	147,541.06	12,295.09	0.64
	HYDRO	JEBBA	189,538.00	360,842.00	346,999.00	229,622.00	227,044.00	2,728,899.00	227,408.25	11.88
		KAINJI	168,660.00	247,023.00	305,307.00	296,300.00	332,399.00	2,816,749.70	234,729.14	12.26
		SHIRORO	240,737.00	285,867.00	229,805.00	220,849.00	135,040.00	2,230,768.00	185,897.33	9.71
INDEPENDENT POWER PRODUCERS	THERMAL	AES	173,022.81	154,048.78	80,842.70	195,851.00	144,383.60	1,552,586.28	129,382.19	6.76
		AGIP	339,311.00	289,475.00	322,477.00	326,398.00	330,302.00	3,294,207.00	274,517.25	14.34
		AJAOKUTA	25,013.00	16,888.00	9,775.00	10,976.00	8,686.00	357,110.00	29,759.17	1.55
		ELEME	-	-	-	-	-	-	-	
		OMOKU	64,485.02	36,311.30	22,698.00	10,743.00	12,692.00	348,583.54	29,048.63	1.52
		T/AMADI	-	1,766.00	2,605.00	2,860.00	2,745.00	30,902.00	2,575.17	0.13
	HYDRO	NESCO	3,480.36	3,640.30	3,484.60	3,131.61	2,911.03	37,092.16	3,091.01	0.16
TOTAL			2,160,692.24	2,166,412.15	2,025,913.80	1,981,600.31	2,035,158.23	22,978,108.66	1,914,842.39	100.00

HYDRO : THERMAL = 34 : 66

FGN : IPPs = 76 : 24

Fig. 1.3(a)

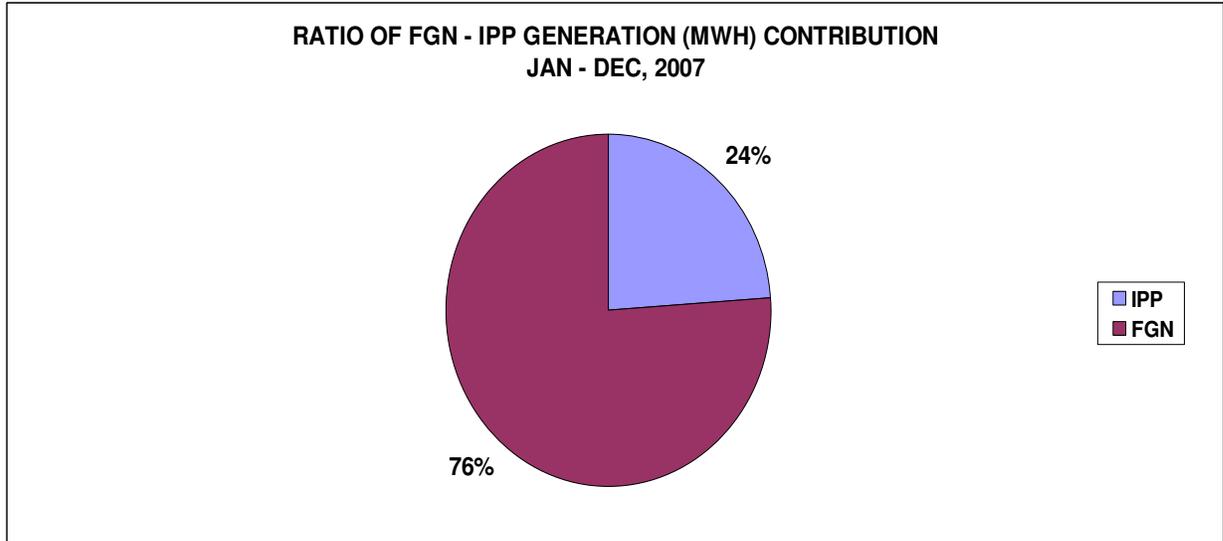
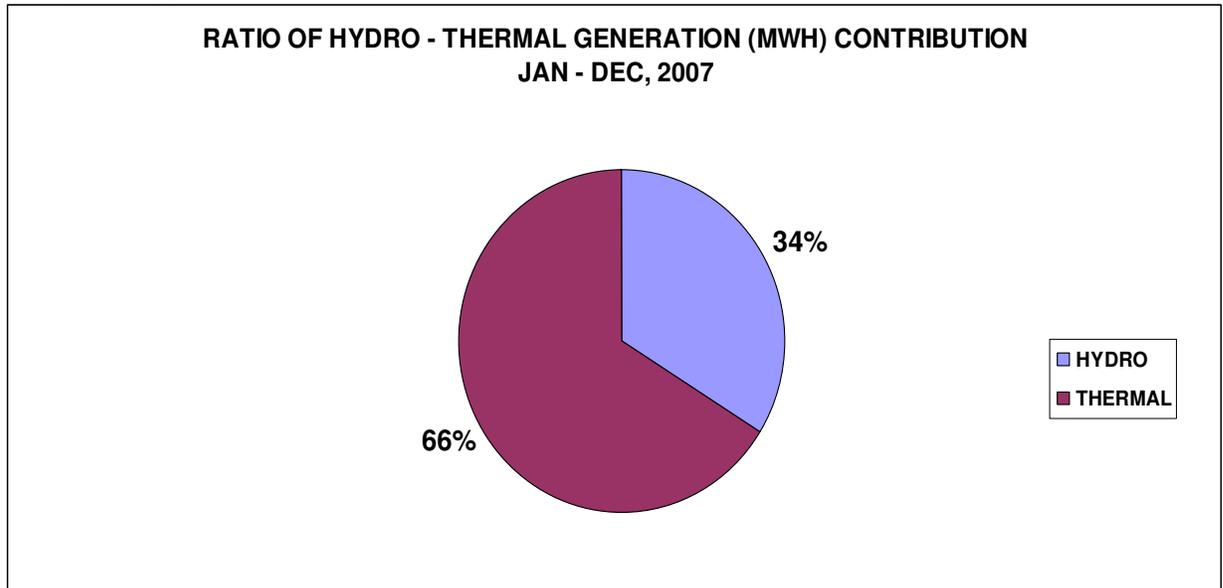


Fig. 1.3 (b)



1.4 ENERGY INJECTED INTO THE GRID

TABLE 1.4 ENERGY (MWH) INJECTED INTO THE WEM (JAN - DEC, 2007)

OWNERSHIP	TECHNOLOGY	GENERATOR	JAN	FEB	MAR	APR	MAY	JUN	JUL
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	90,691.00	53,120.00	38,740.00	64,859.00	143,611.00	107,966.00	108,789.00
		DELTA	312,646.20	247,528.11	243,425.63	207,502.00	200,458.30	196,034.20	190,204.08
		EGBIN	411,555.00	351,010.00	187,570.00	328,127.00	402,038.00	364,033.00	299,765.00
		GEREGU	14,789.12	1,075.00	-	87,408.00	154,364.80	148,502.00	126,315.70
		SAPELE	35,570.00	31,300.00	32,865.00	36,320.00	31,360.00	40,840.00	42,500.00
		OMOTOSO	-	-	-	-	-	-	-
	HYDRO	JEBBA	240,720.00	213,730.00	220,680.00	266,580.00	231,540.00	108,197.44	76,550.00
		KAINJI	226,373.90	186,155.80	299,162.90	298,737.00	247,451.00	119,459.20	85,480.69
		SHIRORO	253,990.00	192,804.30	136,342.20	84,748.90	102,928.00	130,511.50	209,780.90
INDEPENDENT POWER PRODUCERS	THERMAL	AES	173,420.00	134,290.00	78,400.00	110,120.00	144,900.00	131,280.00	122,970.00
		AGIP	273,905.10	260,729.00	226,783.30	128,861.60	226,797.20	198,137.80	332,834.70
		AJAOKUTA	30,614.00	25,444.00	30,811.00	35,223.00	31,290.00	25,494.00	24,474.00
		ELEME	-	-	-	-	-	-	-
		OMOKU	-	-	-	-	-	-	-
		T/AMADI	-	-	-	-	-	-	-
	HYDRO	NESCO	-	-	-	-	-	-	-
TOTAL			2,064,274.32	1,697,186.21	1,494,780.03	1,648,486.50	1,916,738.30	1,570,455.14	1,619,664.07

OWNERSHIP	TECHNOLOGY	GENERATOR	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE	%
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	107,721.00	98,629.00	124,390.00	118,120.00	131,239.00	1,187,875.00	98,989.58	5.45
		DELTA	190,204.08	197,505.20	214,988.08	189,844.28	174,169.28	2,564,509.44	213,709.12	11.77
		EGBIN	313,112.00	304,145.00	202,818.00	237,046.00	291,699.00	3,692,918.00	307,743.17	16.95
		GEREGU	112,773.90	84,845.20	100,958.20	75,431.10	104,035.10	1,010,498.12	84,208.18	4.64
		SAPELE	67,710.00	46,330.00	19,110.00	18,390.00	45,530.00	447,825.00	37,318.75	2.06
		OMOTOSO	15,443.45	15,912.15	14,740.42	24,971.80	39,803.50	110,871.32	9,239.28	0.51
	HYDRO	JEBBA	186,250.00	360,498.76	343,060.00	226,760.00	223,730.00	2,698,296.20	224,858.02	12.39
		KAINJI	168,076.57	246,430.60	304,710.80	295,700.27	331,812.40	2,809,551.13	234,129.26	12.90
		SHIRORO	239,626.80	284,791.10	228,658.30	219,746.10	133,962.00	2,217,890.10	184,824.18	10.18
INDEPENDENT POWER PRODUCERS	THERMAL	AES	167,540.00	149,380.00	78,420.00	154,810.00	140,160.00	1,585,690.00	132,140.83	7.28
		AGIP	333,738.50	281,305.60	317,030.40	319,795.90	323,645.94	3,223,565.04	268,630.42	14.80
		AJAOKUTA	9,276.00	3,756.00	9,775.00	2,886.00	3,221.00	232,264.00	19,355.33	1.07
		ELEME	-	-	-	-	-	-	-	-
		OMOKU	-	-	-	-	-	-	-	-
		T/AMADI	-	-	-	-	-	-	-	-
	HYDRO	NESCO	-	-	-	-	-	-	-	-
TOTAL			1,911,472.30	2,073,528.61	1,958,659.20	1,883,501.45	1,943,007.22	21,781,753.35	1,815,146.11	100.00

HYDRO : THERMAL = 35 : 65

FGN : IPP = 77 : 23

Fig. 1.4(a)

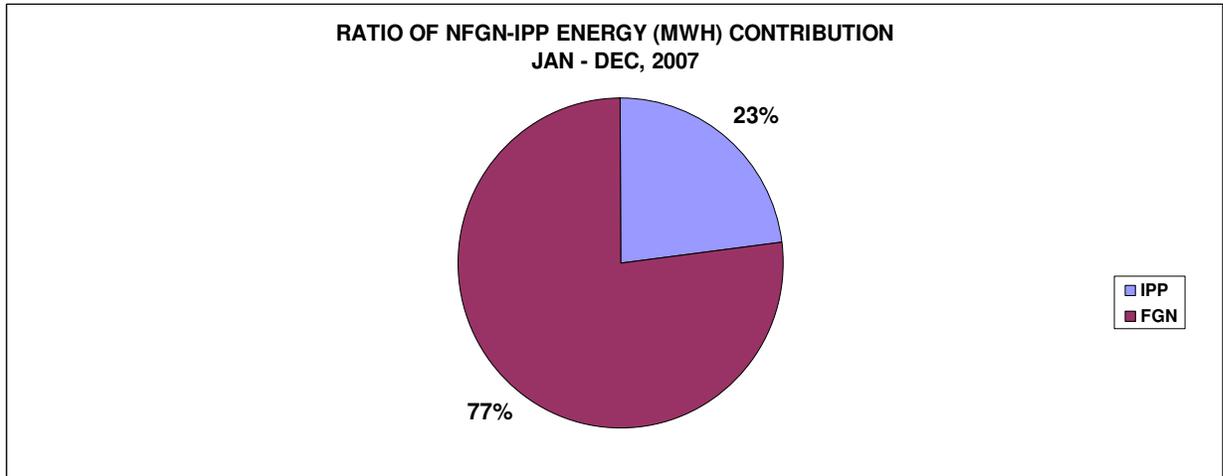


Fig. 1.4(b)

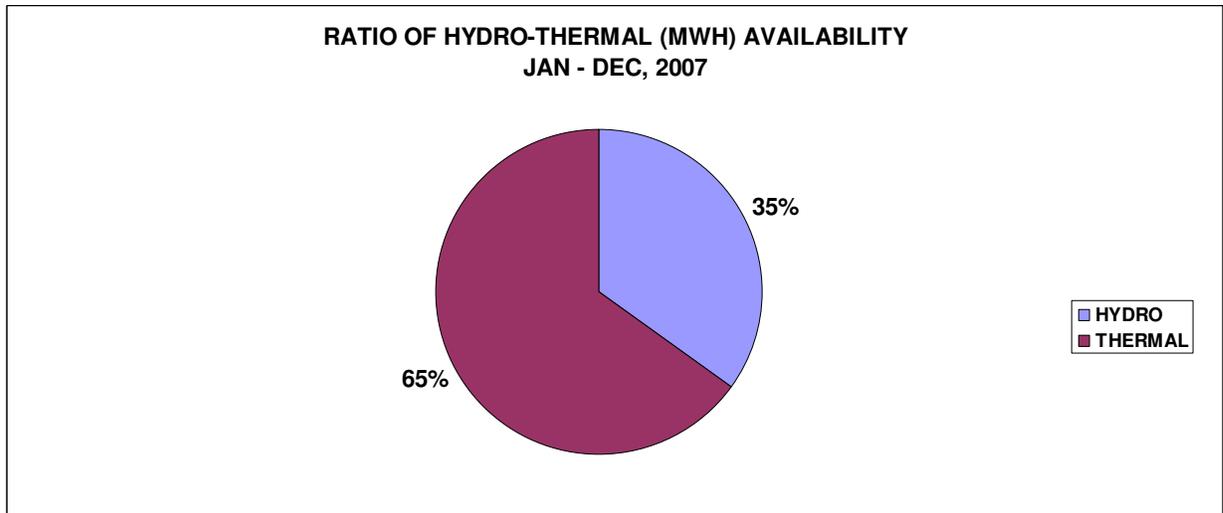


TABLE 1.5 ENERGY CONSUMED BY THE GENERATOR (JAN - DEC, 2007)

OWNERSHIP	TECHNOLOGY	GENERATOR	ENERGY GENERATED (MWH)	ENERGY SENT OUT (MWH)	% OF GENERATION CONTRIBUTION	% OF ENERGY INJECTED	ENERGY CONSUMED BY THE GENERATORS	% CONSUMPTION
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	1,401,159.60	1,187,875.00	6.10	5.36	213,284.60	15.22
		DELTA	2,696,698.60	2,564,509.44	11.74	11.58	132,189.16	4.90
		EGBIN	3,636,680.52	3,692,918.00	15.83	16.67	- 56,237.48	-1.55
		GEREGU	1,208,341.20	1,010,498.12	5.26	4.56	197,843.08	16.37
		SAPELE	490,790.00	447,825.00	2.14	2.02	42,965.00	8.75
		OMOTOSO	147,541.06	110,871.32	0.64	0.50	36,669.74	24.85
	HYDRO	JEBBA	2,728,899.00	2,698,296.20	11.88	12.18	30,602.80	1.12
		KAINJI	2,816,749.70	2,809,551.13	12.26	12.68	7,198.57	0.26
		SHIRORO	2,230,768.00	2,217,890.10	9.71	10.01	12,877.90	0.58
INDEPENDENT POWER PRODUCERS	THERMAL	AES	1,552,586.28	1,585,690.00	6.76	7.16	- 33,103.72	- 2.13
		AGIP	3,294,207.00	3,223,565.04	14.34	14.55	70,641.96	2.14
		AJAKUTA	357,110.00	232,264.00	1.55	1.05	124,846.00	34.96
		ELEME	-	-	-	-	-	-
		OMOKU	348,583.54	299,977.02	1.52	1.35	48,606.52	13.94
		T/AMADI	30,902.00	31,272.00	0.13	0.14	- 370.00	- 1.20
	HYDRO	NESCO	37,092.16	36,959.90	0.16	0.17	132.26	0.36
TOTAL			22,978,108.66	22,149,962.27	100.00	100.00	828,146.39	3.60

1.6 ENERGY EXTRACTED FROM THE GRID

TABLE 1.6(a) ENERGY (MWH) EXTRACTED FROM THE WEM (JAN - DEC, 2007)

TYPE	DISCOS	JAN	FEB	MAR	APR	MAY	JUN	JUL
DISCOS	ABUJA	188,527.22	164,907.94	155,432.67	150,315.78	185,061.15	160,233.97	157,355.42
	BENIN	201,826.75	154,295.41	155,612.84	172,541.78	167,270.29	161,242.72	172,942.77
	EKO	222,681.96	163,723.82	133,722.24	162,649.46	188,502.88	127,316.02	134,637.30
	ENUGU	179,100.73	144,270.27	118,529.95	150,095.74	166,968.48	133,445.93	145,222.90
	IBADAN	226,994.36	175,310.09	148,584.26	189,810.71	187,690.56	157,012.81	174,341.20
	IKEJA	279,972.41	226,481.19	186,976.36	220,635.40	249,121.25	176,158.47	189,957.07
	JOS	91,979.44	66,923.51	58,406.67	67,218.93	82,718.97	69,289.33	77,223.03
	KADUNA	160,940.12	139,772.81	130,465.74	123,859.27	137,952.38	126,701.52	130,712.15
	KANO	114,346.68	90,072.44	76,091.36	85,477.91	99,887.59	83,363.34	70,634.21
	P/H	98,544.79	76,638.39	65,958.69	53,974.18	75,716.89	66,515.71	63,445.33
	YOLA	38,174.20	28,850.11	24,450.34	27,826.24	37,351.56	39,694.26	24,066.09
ELIGIBLE CUSTOMERS	CEB	-	29,910.00	52,891.00	55,876.00	55,164.00	55,461.00	54,823.00
	NIGELEC	27,290.60	30,557.40	37,608.40	41,617.20	42,193.70	39,363.30	38,245.20
	AJAKUTA	186.00	5.00	10.00	124.00	2.00	5.00	29.00
	DELTA	25,329.60	23,937.60	26,197.80	23,952.00	26,971.20	23,467.20	23,467.20
	ITAKPE	8,028.00	916.80	1,012.80	1,267.20	1,156.80	674.40	1,051.20
TOTAL		1,863,922.86	1,516,572.78	1,371,951.12	1,527,241.80	1,703,729.70	1,419,944.98	1,458,153.07

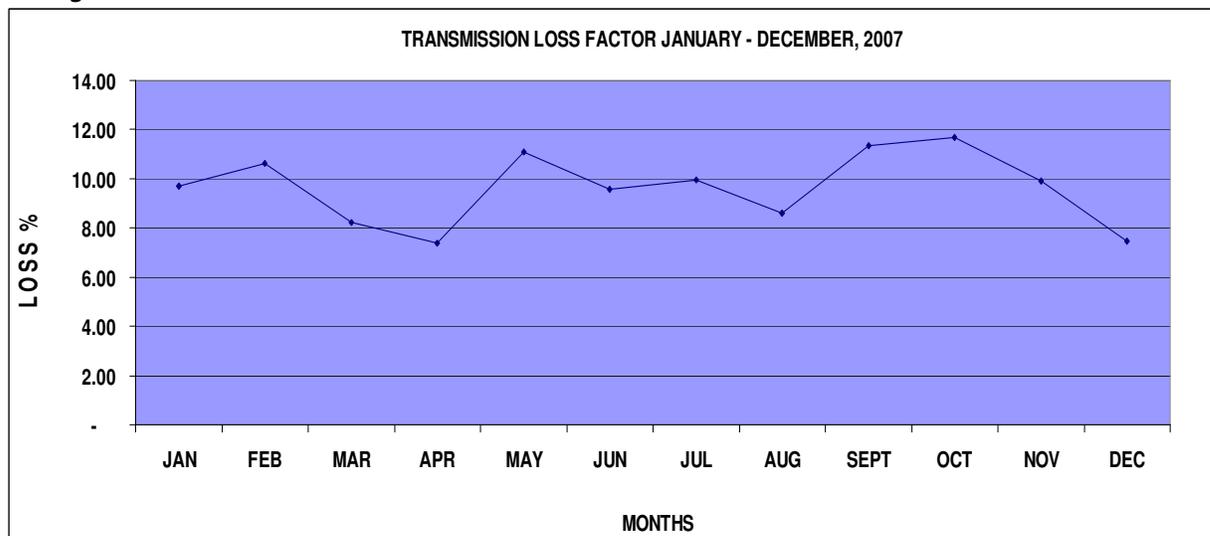
TYPE	DISCOS	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE	%
DISCOS	ABUJA	176,520.94	181,956.04	180,912.56	171,251.51	173,683.55	2,046,158.75	170,513.23	10.40
	BENIN	187,244.03	185,482.42	181,318.76	183,709.25	200,279.25	2,123,766.27	176,980.52	10.80
	EKO	185,786.92	212,559.14	187,116.46	199,492.70	199,467.90	2,117,656.80	176,471.40	10.77
	ENUGU	178,023.22	188,856.91	172,950.00	170,797.67	183,220.73	1,931,482.53	160,956.88	9.82
	IBADAN	207,605.28	211,104.10	196,206.22	188,971.92	207,442.91	2,271,074.42	189,256.20	11.55
	IKEJA	257,944.24	281,531.79	249,541.88	254,535.99	262,624.90	2,835,480.95	236,290.08	14.41
	JOS	96,372.59	108,720.52	92,808.10	79,598.45	85,408.07	976,667.61	81,388.97	4.97
	KADUNA	141,242.73	148,074.31	138,866.09	132,534.70	139,158.91	1,650,280.73	137,523.39	8.39
	KANO	73,324.06	68,079.63	69,131.07	72,374.75	99,867.25	1,002,650.29	83,554.19	5.10
	P/H	78,485.92	83,365.80	101,432.12	102,187.85	106,264.86	972,530.53	81,044.21	4.94
	YOLA	44,486.30	53,043.71	37,067.19	34,863.00	33,631.31	423,504.31	35,292.03	2.15
ELIGIBLE CUSTOMERS	CEB	53,621.00	50,090.00	51,376.00	53,130.00	57,809.00	570,151.00	47,512.58	2.90
	NIGELEC	37,146.50	41,001.00	42,753.60	37,941.50	33,582.00	449,300.40	37,441.70	2.28
	AJAKUTA	28.00	1,568.00	19.00	2,886.00	2,751.00	7,613.00	634.42	0.04
	DELTA	27,888.00	21,782.40	27,489.60	11,889.60	11,889.60	274,261.80	22,855.15	1.39
	ITAKPE	1,029.60	1,162.80	478.80	632.40	632.40	18,043.20	1,503.60	0.09
TOTAL		1,746,749.33	1,838,378.57	1,729,467.45	1,696,797.29	1,797,713.64	19,670,622.59	1,639,218.55	100.00

TABLE 1.6(b) COMPARISON OF ENERGY TRANSMITTED AND ENERGY DELIVERED (JAN - DEC, 2007)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
ENERGY INJECTED (MWH)	2,064,274.32	1,697,186.21	1,494,780.03	1,648,486.50	1,916,738.30	1,570,455.14	1,619,664.07
ENERGY EXTRACTED (MWH)	1,863,922.86	1,516,572.78	1,371,951.12	1,527,241.80	1,703,729.70	1,419,944.98	1,458,153.07
LOSS (MWH)	200,351.46	180,613.43	122,828.91	121,244.70	213,008.60	150,510.16	161,511.00
LOSS %	9.71	10.64	8.22	7.36	11.11	9.58	9.97

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ENERGY INJECTED (MWH)	1,911,472.30	2,073,528.61	1,958,659.20	1,883,501.45	1,943,007.22	21,781,753.35
ENERGY EXTRACTED (MWH)	1,746,749.33	1,838,378.57	1,729,467.45	1,696,797.29	1,797,713.64	19,670,622.59
LOSS (MWH)	164,722.97	235,150.04	229,191.75	186,704.16	145,293.58	2,111,130.76
LOSS %	8.62	11.34	11.70	9.91	7.48	9.69

Fig. 1.6



2.0 SETTLEMENT (BILLING AND CHARGES)

2.1 ELECTRICITY PRICES FOR THE DISTRIBUTION COMPANIES

TABLE 2.1 WHOLESALE PRICE OF ELECTRICITY TO DISCOS (JAN - DEC, 2007)

DISCOS	PRICES												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	AVE
ABUJA	3.40	3.40	3.40	3.70	3.70	3.70	3.70	3.70	3.70	3.46	3.46	3.46	3.57
BENIN	2.50	2.50	2.50	3.03	3.03	3.03	3.05	3.05	3.05	3.05	3.05	3.05	2.91
EKO	4.17	4.17	4.17	4.51	4.51	4.51	4.51	4.51	4.51	4.50	4.50	4.50	4.42
ENUGU	2.40	2.40	2.40	2.45	2.45	2.45	2.52	2.52	2.52	2.31	2.31	2.31	2.42
IBADAN	2.68	2.68	2.68	3.12	3.12	3.12	3.11	3.11	3.11	3.00	3.00	3.00	2.98
IKEJA	3.73	3.73	3.73	4.14	4.14	4.14	4.15	4.15	4.15	4.15	4.15	4.15	4.04
JOS	2.53	2.53	2.53	3.22	3.22	3.22	3.11	3.11	3.11	3.02	3.02	3.02	2.97
KADUNA	2.81	2.81	2.81	3.08	3.08	3.08	2.98	2.98	2.98	2.99	2.99	2.99	2.97
KANO	3.04	3.04	3.04	3.66	3.66	3.66	3.92	3.92	3.92	3.99	3.99	3.99	3.65
P/H	2.71	2.71	2.71	3.10	3.10	3.10	3.20	3.20	3.20	3.06	3.06	3.06	3.02
YOLA	2.40	2.40	2.40	2.35	2.35	2.35	2.35	2.35	2.35	2.45	2.45	2.45	2.39
WEIGHTED AVERAGE CHARGES	3.10	3.10	3.10	3.47	3.47	3.47	3.49	3.49	3.49	3.42	3.42	3.42	3.37

Fig. 2.1



2.2 SALES AT THE WHOLESALE MARKET

TABLE 2.2 SALES AT THE WEM – DISCOS (JAN - DEC, 2007)

	(=N= M)						
STATIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA EDC	688.91	627.44	566.38	506.38	684.93	652.05	706.51
BENIN EDC	542.76	440.18	418.85	411.66	460.16	539.94	647.49
EKO EDC	1,007.99	770.31	605.27	677.13	852.05	641.12	724.39
ENUGU EDC	475.03	404.39	317.84	349.94	447.42	380.90	468.76
IBADAN EDC	668.08	544.94	442.25	498.90	562.40	554.80	680.20
IKEJA EDC	1,127.85	942.72	756.03	818.73	1,009.15	812.39	945.80
JOS EDC	260.85	201.49	167.20	172.00	237.49	260.55	305.73
KADUNA EDC	479.47	434.11	386.91	335.29	417.06	428.89	491.69
KANO EDC	368.98	305.91	247.43	252.47	328.04	335.14	315.26
P/H EDC	290.91	240.55	198.13	149.76	233.48	233.43	247.52
YOLA EDC	99.17	79.35	63.68	63.54	97.45	105.01	75.47
NIGELEC	119.28	132.20	157.14	170.11	-	162.02	190.50
CEB LOME	-	-	-	-	1,101.75	319.35	321.29
AJAOKUTA	8.64	4.68	4.91	7.56	3.47	4.07	4.31
ITAKPE	8.40	9.51	10.33	12.67	11.62	7.18	10.75
DELTA STEEL	252.20	241.00	290.21	239.49	267.80	238.57	286.87
TOTAL	6,398.53	5,378.78	4,632.58	4,665.64	6,714.29	5,675.39	6,422.54

	(=N= M)	% OF SALES					
STATIONS	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA EDC	752.29	731.45	750.96	711.96	704.25	8,083.50	10.78
BENIN EDC	666.91	612.47	626.22	680.03	723.17	6,769.83	9.03
EKO EDC	919.78	1,015.98	906.70	1,017.79	998.82	10,137.33	13.52
ENUGU EDC	546.36	535.63	514.77	513.27	535.82	5,490.12	7.32
IBADAN EDC	765.42	730.26	705.75	701.35	751.81	7,606.16	10.15
IKEJA EDC	1,218.38	1,268.08	1,163.24	1,242.22	1,256.00	12,560.57	16.76
JOS EDC	360.17	376.74	336.68	304.16	316.53	3,299.59	4.40
KADUNA EDC	490.95	478.91	465.45	477.97	491.28	5,377.99	7.17
KANO EDC	328.77	289.36	301.69	335.76	452.74	3,861.54	5.15
P/H EDC	293.99	295.19	366.84	380.74	384.09	3,314.64	4.42
YOLA EDC	136.44	147.67	109.05	108.32	102.53	1,187.69	1.58
NIGELEC	-	285.75	176.51	175.20	-	1,568.70	2.09
CEB LOME	307.64	304.17	288.98	293.06	301.74	3,237.97	4.32
AJAOKUTA	1.94	20.17	-	-	-	59.75	0.08
ITAKPE	10.35	11.61	-	-	-	92.41	0.12
DELTA STEEL	278.44	218.77	-	-	-	2,313.33	3.09
TOTAL	7,077.82	7,322.19	6,712.84	6,941.82	7,018.75	74,961.16	100.00

Fig. 2.2



TABLE 2.3 SALES AT THE WEM – GENCOS (JAN - DEC, 2007)

GENERATORS	(=N= M)						
	JAN	FEB	MAR	APR	MAY	JUN	JUL
AFAM	119.12	69.77	50.88	85.19	188.63	132.37	133.38
DELTA	262.79	208.05	204.60	174.41	168.49	155.33	150.71
EGBIN	391.34	333.77	178.36	312.01	382.29	329.60	271.41
SAPELE	64.44	56.71	59.54	65.80	56.81	72.15	75.08
JEBBA	186.09	165.23	170.60	206.08	178.99	78.68	55.67
KAINJI	170.61	140.30	225.47	225.14	186.49	85.97	61.52
SHIRORO	185.08	140.49	99.35	61.76	75.00	89.64	144.08
GEREGU	-	-	-	-	-	-	148.12
OMOTOSO	-	-	-	-	-	-	-
AGIP	1,383.12	1,284.43	1,082.23	618.56	1,096.68	998.45	1,682.93
AES	622.39	470.18	265.91	375.69	497.98	466.69	438.64
NESCO	5.51	3.72	3.61	4.61	5.93	5.38	6.95
TOTAL	3,390.49	2,872.66	2,340.56	2,129.25	2,837.31	2,414.27	3,168.49

TABLE 2.3 SALES AT THE WEM – GENCOS (JAN - DEC, 2007) CONTD

GENERATORS	(=N= M)	% OF SALES					
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
AFAM	132.32	121.15	152.80	149.38	165.97	1,500.96	4.19
DELTA	151.15	156.96	170.85	155.23	142.42	2,101.00	5.86
EGBIN	284.22	276.08	184.10	220.61	271.47	3,435.27	9.58
SAPELE	119.77	81.95	33.80	33.94	84.04	804.04	2.24
JEBBA	135.87	262.99	250.26	173.27	170.95	2,034.67	5.67
KAINJI	121.35	177.92	219.99	224.32	251.72	2,090.79	5.83
SHIRORO	165.14	196.26	157.58	158.63	96.70	1,569.71	4.38
GEREGU	132.50	99.69	118.62	91.63	126.37	716.91	2.00
OMOTOSO	-	-	-	30.33	48.35	78.68	0.22
AGIP	1,652.26	1,397.20	1,564.98	1,499.88	1,527.31	15,788.03	44.03
AES	634.37	571.13	296.53	541.62	490.48	5,671.61	15.82
NESCO	6.08	6.36	6.09	5.47	5.09	64.81	0.18
TOTAL	3,535.02	3,347.67	3,155.60	3,284.30	3,380.87	35,856.48	100.00

Fig. 2.3

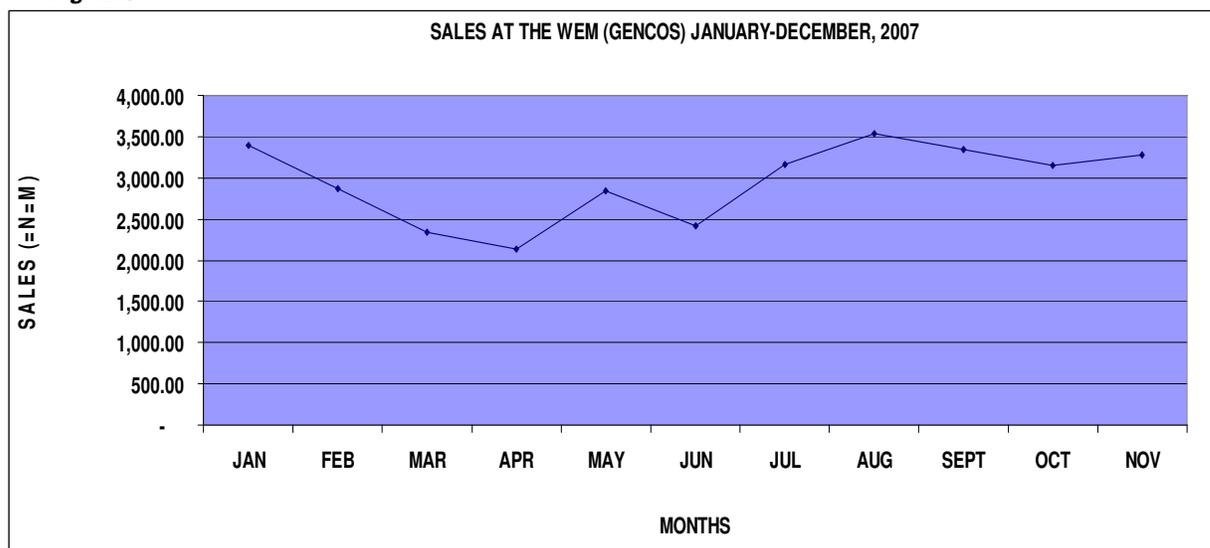


TABLE 2.4 PHCN/AJAKUTA ENERGY GENERATION RECONCILIATION (JAN - DEC, 2007)

MONTHS	ENERGY DELIVERED TO AJAKUTA AND SISTER COMPANIES BY PHCN (KWH)	ENERGY SUPPLIED TO PHCN BY AJAKUTA (KWH)	NET ENERGY SUPPLIED TO AJAKUTA AND SISTER COMPANIES (KWH)
JAN	26,322,600	30,614,000	- 4,291,400
FEB	24,859,400	25,444,000	- 584,600
MAR	30,154,000	30,811,000	- 657,000
APR	25,343,200	35,223,000	- 9,879,800
MAY	28,130,000	31,292,000	- 3,162,000
JUN	24,146,600	25,499,000	- 1,352,400
JUL	29,837,000	24,503,000	5,334,000
AUG	28,945,600	9,304,000	19,641,600
SEPT	24,513,200	5,324,000	19,189,200
OCT	37,743,400	19,000	37,724,400
NOV	15,408,000	2,127,000	13,281,000
DEC	7,716,200	2,751,000	4,965,200
TOTAL	303,119,200	222,911,000	80,208,200

3.0 REVENUE COLLECTION

TABLE 3.1 REVENUE COLLECTED AT THE REM (JAN - DEC, 2007)

	(=N= M)						
STATIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA EDC	822.43	760.26	669.79	841.83	705.27	869.64	825.27
BENIN EDC	628.66	618.00	499.25	614.68	542.52	684.88	677.83
EKO EDC	1,276.92	980.31	820.84	1,066.30	962.90	955.20	975.44
ENUGU EDC	730.86	687.02	568.61	703.82	667.36	746.24	788.90
IBADAN EDC	976.70	903.73	781.24	930.69	823.13	918.10	1,011.98
IKEJA EDC	1,302.93	1,222.21	1,079.64	1,282.54	1,161.05	1,253.28	1,257.44
JOS EDC	349.73	306.52	271.84	301.03	340.63	351.05	381.36
KADUNA EDC	401.22	418.67	386.91	396.59	391.60	430.15	456.75
KANO EDC	373.76	334.59	297.49	352.98	338.54	399.53	335.92
P/H EDC	428.84	398.84	355.04	467.66	395.34	359.15	342.59
YOLA EDC	114.34	102.24	77.96	101.98	114.93	131.93	137.26
TOTAL	7,406.39	6,732.39	5,808.61	7,060.10	6,443.27	7,099.15	7,190.75

	(=N= M)	% OF REVENUE					
STATIONS	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA EDC	808.01	855.36	840.66	716.23	1,021.76	9,736.50	11.32
BENIN EDC	558.16	676.47	727.65	685.60	718.34	7,632.04	8.87
EKO EDC	1,213.08	1,287.37	1,258.53	1,170.06	1,254.66	13,221.62	15.37
ENUGU EDC	828.01	841.46	819.75	758.39	892.79	9,033.21	10.50
IBADAN EDC	1,042.22	1,052.72	980.69	1,039.66	1,039.66	11,500.51	13.37
IKEJA EDC	1,440.01	1,485.79	1,442.66	1,308.62	1,461.29	15,697.47	18.25
JOS EDC	351.53	360.88	379.20	344.32	373.88	4,111.95	4.78
KADUNA EDC	444.48	417.37	415.55	404.76	411.50	4,975.55	5.78
KANO EDC	307.88	307.29	307.75	295.74	358.76	4,010.24	4.66
P/H EDC	409.10	399.68	344.46	346.64	477.79	4,725.13	5.49
YOLA EDC	105.16	105.16	137.59	108.99	135.60	1,373.14	1.60
TOTAL	7,507.63	7,789.55	7,654.49	7,179.01	8,146.02	86,017.35	100.00

Fig. 3.1

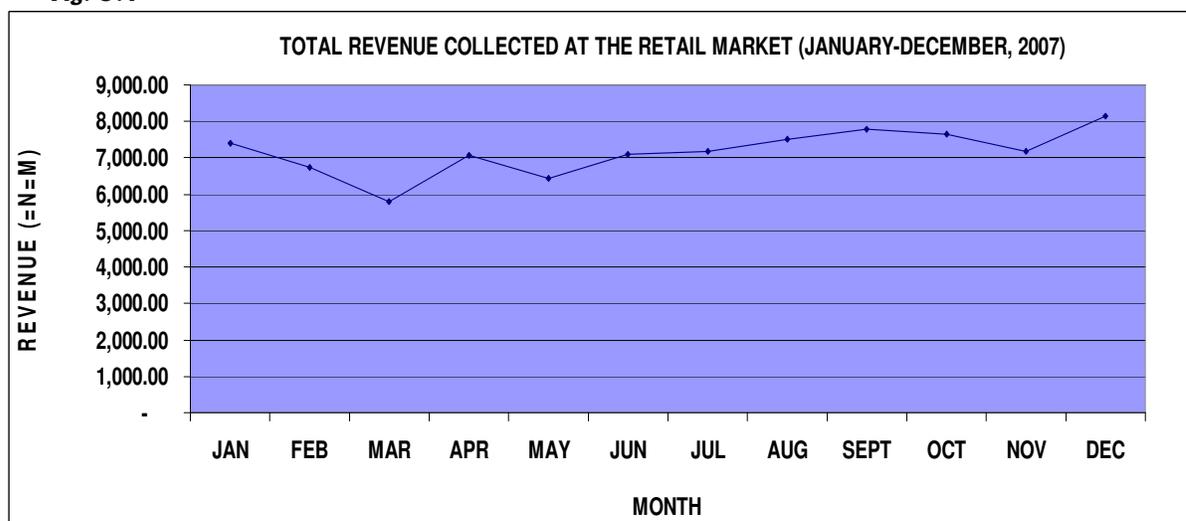


TABLE 3.2 REVENUE COLLECTED AT WEM (JAN - DEC, 2007)

	(=N= M)						
STATIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA EDC	395.04	607.34	293.77	486.27	353.05	500.69	422.51
BENIN EDC	308.10	307.24	204.69	205.97	224.23	265.08	530.01
EKO EDC	1,032.17	609.09	411.24	700.19	670.46	620.00	469.65
ENUGU EDC	245.85	362.76	157.57	347.25	296.16	339.26	427.12
IBADAN EDC	542.18	527.51	404.84	398.76	367.43	488.67	629.92
IKEJA EDC	803.75	938.80	481.35	825.54	540.01	778.87	547.47
JOS EDC	203.26	142.18	169.51	131.02	137.31	251.30	199.22
KADUNA EDC	275.08	223.43	307.18	228.04	214.91	224.92	252.22
KANO EDC	241.40	185.86	115.06	219.20	200.38	284.46	175.27
P/H EDC	188.10	168.66	103.79	131.89	118.40	132.85	137.75
YOLA EDC	10.07	6.74	-	-	-	-	4.40
NIGELEC	-	190.50	-	190.50	-	-	190.50
CEB LOME	-	-	-	-	783.13	319.35	321.29
AJAOKUTA	-	-	-	-	-	-	-
ITAKPE	-	-	-	-	-	-	-
DELTA STEEL	55.00	55.00	-	-	55.00	-	15.00
TOTAL	4,299.98	4,325.10	2,648.99	3,864.63	3,960.46	4,205.43	4,322.33
COLLECTION EFFICIENCY	67%	80%	57%	83%	59%	74%	67%
COLLECTION AT WEM AS % OF COLLECTION AT REM	58%	64%	46%	55%	61%	59%	60%
REVENUE RETAINED BY THE DISTRIBUTION COMPANIES AS A % OF REM COLLECTION	42%	36%	54%	45%	39%	41%	40%

TABLE 3.2 REVENUE COLLECTED AT WEM (JAN - DEC, 2007) CONTD

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF REVENUE
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA EDC	679.60	402.60	681.92	362.13	443.17	5,628.09	10.99
BENIN EDC	319.25	440.57	316.01	280.29	328.83	3,730.26	7.29
EKO EDC	899.49	856.61	780.95	689.57	771.69	8,511.11	16.62
ENUGU EDC	467.36	477.36	427.29	365.93	518.50	4,432.41	8.66
IBADAN EDC	537.26	585.47	481.93	332.96	709.49	6,006.40	11.73
IKEJA EDC	668.39	1,342.95	905.75	715.05	907.24	9,455.15	18.47
JOS EDC	210.14	267.64	197.03	150.13	158.26	2,217.00	4.33
KADUNA EDC	251.85	177.34	243.30	182.55	253.21	2,834.01	5.54
KANO EDC	171.57	142.56	100.86	87.02	182.43	2,106.07	4.11
P/H EDC	159.37	224.47	256.31	158.87	103.45	1,883.90	3.68
YOLA EDC	29.17	3.69	8.69	9.58	-	72.35	0.14
NIGELEC	-	285.75	176.51	175.20	-	1,208.96	2.36
CEB LOME	307.64	304.17	288.98	293.06	301.74	2,919.35	5.70
AJAOKUTA	-	-	-	-	-	-	-
ITAKPE	-	-	-	-	-	-	-
DELTA STEEL	15.00	-	-	-	-	195.00	0.38
TOTAL	4,716.09	5,511.18	4,865.52	3,802.34	4678.01	51,200.05	100.00
COLLECTION EFFICIENCY	67%	75%	72%	55%	67%		
COLLECTION AT WEM AS % OF COLLECTION AT REM	63%	71%	64%	53%	57%		
REVENUE RETAINED BY THE DISTRIBUTION COMPANIES AS A % OF REM COLLECTION	37%	29%	36%	47%	43%		

Average collection efficiency at the WEM **69%**

Collection at WEM as a percentage of collection at REM (Average) **59%**

Revenue retained at REM as a percentage of collection at REM (Average) **41%**

Fig. 3.2(a)

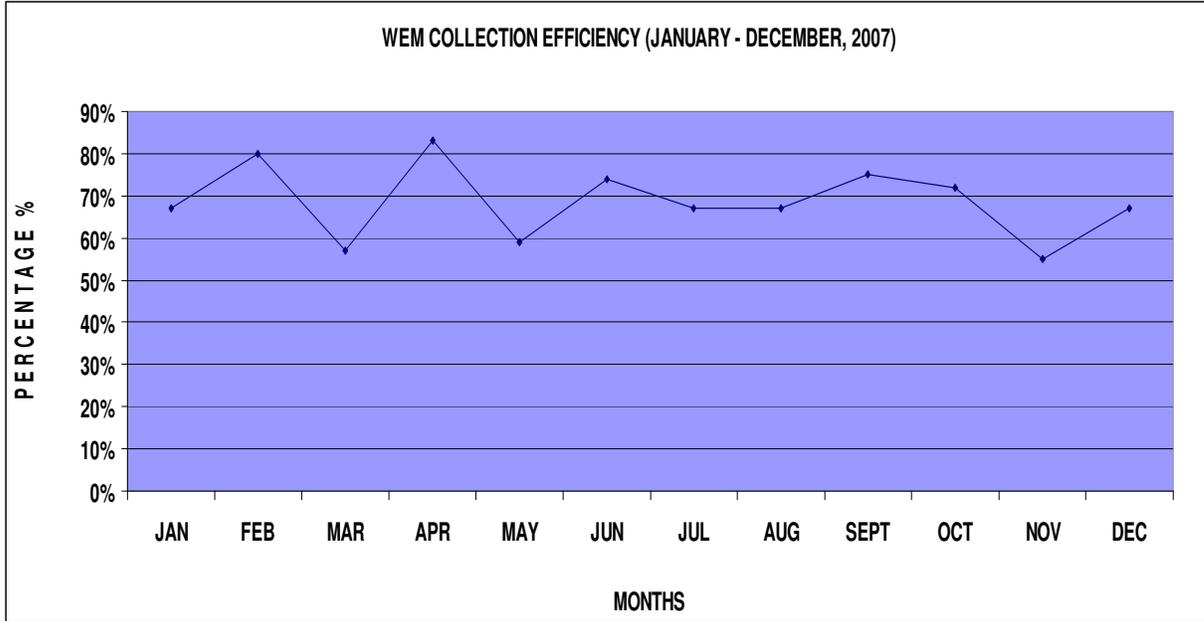
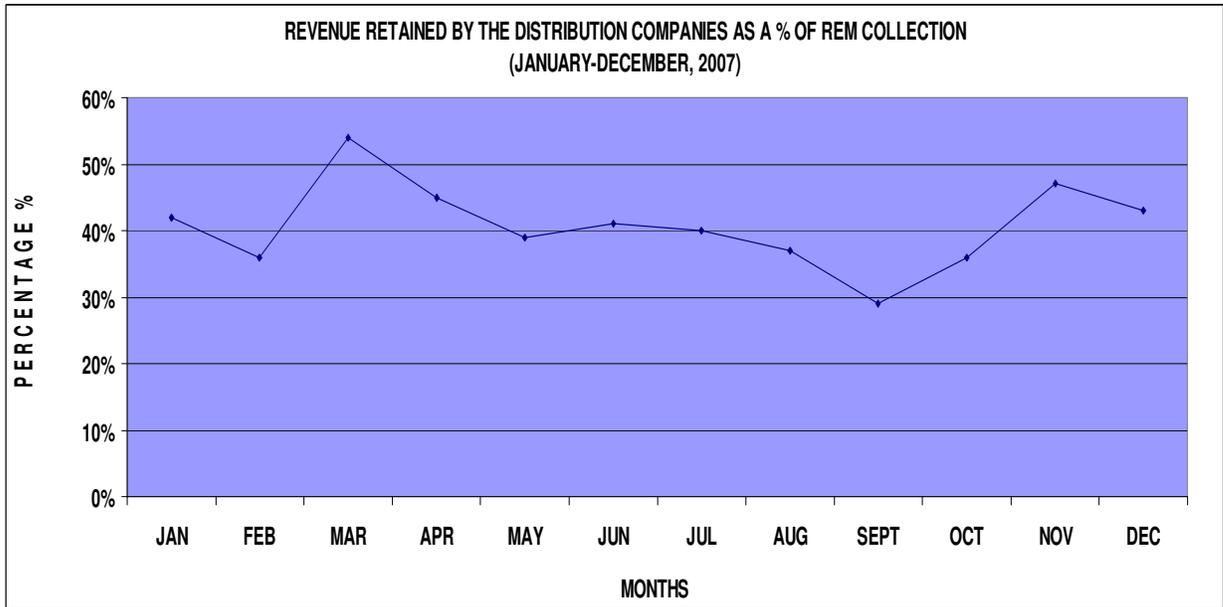


Fig. 3.2(b)



4.0 PAYMENTS

TABLE 4 APPLICATION OF REVENUE COLLECTED AT WEM (JAN - DEC, 2007)

	(=N= M)						
	JAN	FEB	MAR	APR	MAY	JUN	JUL
AFAM	72.21	72.21	62.21	72.21	72.21	72.33	72.33
DELTA	63.45	63.45	63.45	63.45	63.45	69.55	69.55
EGBIN	136.88	136.88	130.88	136.88	136.88	152.19	152.19
SAPELE	62.86	71.40	71.40	71.40	71.40	78.74	78.74
JEBBA	58.02	58.02	58.02	65.00	58.02	64.18	64.18
KAINJI	61.81	61.81	61.81	72.66	72.66	71.40	71.40
SHIRORO	52.72	52.72	52.72	61.81	52.72	59.32	59.32
GEREGU	-	-	-	12.49	5.00	5.00	11.71
OMOTOSHO	-	-	-	-	-	3.00	3.00
SUB TOTAL	507.95	516.49	500.48	555.89	532.33	575.70	582.41
IPPS	901.92	1,078.43	328.95	820.41	825.61	953.89	1,001.01
IPP DOMICILIARY	-	-	-	-	783.13	319.35	321.29
TCN	501.00	501.00	409.95	501.00	452.33	531.62	531.62
MO	7.29	5.89	5.21	6.00	6.68	10.27	10.27
NERC	74.16	42.00	44.52	43.00	46.23	45.00	45.00
GAS	188.88	204.63	143.68	236.64	119.90	228.88	207.57
VAT	300.00	352.69	292.84	276.58	168.52	304.25	338.36
EQUALIZATION	180.37	300.00	5.62	218.92	90.34	150.33	161.99
LOAN	210.36	182.99	103.06	211.60	100.00	148.95	119.87
NESCO	-	3.72	-	4.61	-	7.13	8.66
RESERVE	-	-	-	-	-	103.01	123.01
MMF	175.05	176.76	244.68	100.00	107.48	60.78	60.78
BANK CHARGES	-	-	-	0.35	-	-	-
CHQ							
SUPERANNUATION	150.00	150.00	150.00	150.00	150.00	150.00	150.00
DOMICILLIARY ACCT		190.50		190.50			190.50
UBN ACCOUNT	150.00	150.00	70.00	100.00	70.00	70.00	80.00
FBN ACCOUNT	150.00	150.00	80.00	169.14	80.00	80.00	80.00
UBA ACCOUNT	155.77	120.00	120.00	120.00	223.92	276.29	110.00
AFRIBANK ACCT	70.00	70.00	50.00	50.00	60.00	60.00	80.00
GT BANK ACCT	60.00	70.00	50.00	60.00	50.00	50.00	50.00
ZENITH BANK ACCT	60.00	60.00	50.00	50.00	94.00	80.00	70.00
PRODUCTIVITY BONUS	457.23	-	-	-	-	-	-
SUB-TOTAL	3,792.03	3,512.63	2,148.51	3,117.90	3,427.42	3,629.75	3,739.92
TOTAL	4,299.98	4,029.12	2,648.99	3,673.79	3,959.74	4,205.45	4,322.33

TABLE 4. APPLICATION OF REVENUE COLLECTED AT WEM (JAN - DEC, 2007) CONTD

	(=N= M) AUG	(=N= M) SEPT	(=N= M) OCT	(=N= M) NOV	(=N= M) DEC	(=N= M) TOTAL	% OF APPLICATION
AFAM	72.33	75.35	120.25	33.26	76.76	873.64	1.71
DELTA	69.55	69.55	113.03	34.44	73.74	816.67	1.60
EGBIN	152.19	160.22	250.56	72.87	161.72	1,780.34	3.48
SAPELE	78.74	78.74	138.47	30.73	84.60	917.20	1.79
JEBBA	64.18	86.05	116.20	22.43	69.31	783.60	1.53
KAINJI	71.40	71.40	134.82	20.74	77.78	849.68	1.66
SHIRORO	59.32	75.12	109.71	19.06	64.39	718.90	1.40
GEREGU	11.71	11.71	25.07	-	12.53	95.21	0.19
OMOTOSHO	3.00	3.00	6.00	-	5.00	23.00	0.04
SUB TOTAL	582.41	631.13	1,014.11	233.53	625.83	6,858.24	13.39
IPPS	1,309.53	1,707.29	664.17	1,166.08	1,202.78	11,960.07	23.36
IPP DOMICILIARY	307.64	304.17	288.98	293.06	301.74	2,919.36	5.70
TCN	531.62	531.62	950.11	182.65	571.96	6,196.46	12.10
MO	10.27	10.27	22.41	-	11.30	105.86	0.21
NERC	65.00	57.63	50.00	40.00	45.00	597.54	1.17
GAS	224.83	249.89	174.64	221.21	274.26	2,475.01	4.83
VAT	342.42	357.51	156.71	370.74	343.23	3,603.84	7.04
EQUALIZATION	328.78	188.01	100.00	225.89	230.00	2,180.24	4.26
LOAN	135.75	153.23	95.12	150.20	160.14	1,771.27	3.46
NESCO	-	6.36	7.92	-	-	38.39	0.07
RESERVE	150.00	200.00	200.00	245.45	125.00	1,146.47	2.24
MMF	60.78	48.33	48.33	48.33	48.33	1,179.63	2.30
BANK CHARGES	-	-	0.40	-	-	0.75	0.00
CHQ							
SUPERANNUATION	150.00	150.00	150.00	150.00	150.03	1,800.03	3.52
DOMICILLIARY ACCT		285.75	176.51	175.20	-	1,208.96	2.36
UBN ACCOUNT	80.00	80.00	85.00	60.00	95.03	1,090.03	2.13
FBN ACCOUNT	80.00	100.00	100.00	60.00	120.00	1,249.14	2.44
UBA ACCOUNT	177.08	220.00	187.78	30.00	189.20	1,930.05	3.77
AFRIBANK ACCT	80.00	130.00	85.00	40.00	80.00	855.00	1.67
GT BANK ACCT	50.00	50.00	253.34	20.00	54.17	817.51	1.60
ZENITH BANK ACCT	50.00	50.00	55.00	90.00	50.00	759.00	1.48
PRODUCTIVITY BONUS	-	-	-	-	-	457.23	0.89
SUB-TOTAL	4,133.68	4,880.05	3,851.41	3,568.80	4,052.17	44,341.82	86.61
TOTAL	4,716.09	5,511.18	4,865.52	3,802.34	4,678.00	51,200.07	100.00

5.0 ADMINISTRATION OF THE PPAS AND CONNECTION AGREEMENT

5.1 OPERATION OF THE PPAS

TABLE 5.1 NOMINATED VS DELIVERED GENERATION (JAN - DEC, 2007)

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE
AGIP	NOMINATED (MW)	476.70	476.70	476.70	476.70	476.70	476.70	476.70	476.70	476.70	476.70	476.70	476.70		476.70
	DELIVERED (MW)	373.80	390.35	307.30	176.78	307.37	272.39	164.90	224.80	204.50	422.02	444.47	436.92		310.47
	DELIVERED (GWH)	273.91	260.73	226.78	128.86	226.80	198.14	332.84	333.74	281.31	317.03	319.80	323.65	3223.59	268.63
AES	NOMINATED (MW)	300.87	300.87	300.87	300.87	300.87	300.87	300.87	300.87	300.87	300.87	300.87	300.87		300.87
	DELIVERED (MW)	233.17	199.79	226.78	0.00	194.45	182.07	164.89	224.76	204.48	105.26	215.00	188.04		178.22
	DELIVERED (GWH)	173.42	134.29	78.40	110.12	144.90	131.28	123.00	167.54	149.38	78.42	154.81	140.16	1585.69	132.14
NESCO	DELIVERED (GWH)	3.15	2.13	2.07	2.64	3.39	3.08	3.98	3.48	3.64	3.48	3.13	2.91	37.08	3.09

TABLE 5.1(a) PAYMENT STATUS ON AGIP PPA (JAN - DEC, 2007)

MONTH	INVOICE (\$)	PAYMENT (\$)	OUTSTANDING (\$)
01/01/2007			44,875,963.22
JANUARY	12,805,329.62	7,144,603.14	5,660,726.48
FEBRUARY	12,714,636.92	8,041,020.13	4,673,616.79
MARCH	12,481,034.94	6,963,852.49	5,517,182.45
APRIL	11,788,442.02	6,593,245.33	5,195,196.69
MAY	12,462,146.91	6,964,089.23	5,498,057.68
JUNE	12,265,085.26	6,855,129.55	5,409,955.71
JULY	13,405,850.02	7,983,966.14	5,421,883.88
AUGUST	13,412,246.55	7,926,856.29	5,485,390.26
SEPTEMBER	13,593,529.33	-	13,593,529.33
OCTOBER	13,346,412.87	-	13,346,412.87
NOVEMBER	14,034,288.51	-	14,034,288.51
DECEMBER	13,400,136.01	-	13,400,136.01
TOTAL	155,709,138.96	58,472,762.30	142,112,339.88

TABLE 5.1(b) PAYMENT STATUS ON AES PPA (JAN - DEC, 2007)

MONTH	INVOICE (\$)	PAYMENT (\$)	OUTSTANDING (\$)
01/01/2007			- 1,044,130.44
JANUARY	5,790,888.00	1,944,550.00	3,846,338.00
FEBRUARY	5,790,888.00	4,257,000.00	1,533,888.00
MARCH	5,790,888.00	18,267,119.00	- 12,476,231.00
APRIL	5,790,888.00	4,257,000.00	1,533,888.00
MAY	5,790,888.00	4,257,000.00	1,533,888.00
JUNE	5,790,888.00	4,257,000.00	1,533,888.00
JULY	5,790,888.00	4,257,000.00	1,533,888.00
AUGUST	5,790,888.00	4,257,000.00	1,533,888.00
SEPTEMBER	5,790,888.00	4,257,000.00	1,533,888.00
OCTOBER	5,790,888.00	4,257,000.00	1,533,888.00
NOVEMBER	5,790,888.00	4,257,000.00	1,533,888.00
DECEMBER	5,790,888.00	4,257,000.00	1,533,888.00
TOTAL	69,490,656.00	62,781,669.00	5,664,856.56

TABLE 5.1(c) PAYMENT STATUS ON NESCO PPA (JAN - DEC, 2007)

MONTH	INVOICE (=N=)	PAYMENT (=N=)	OUTSTANDING (=N=)
01/01/2007			
JANUARY	7,372,364.33	7,372,364.33	
FEBRUARY	5,730,569.15	5,730,569.15	
MARCH	5,451,153.43	5,451,153.43	
APRIL	6,386,985.74	6,386,985.74	
MAY	7,580,801.75	7,580,801.75	
JUNE	7,133,260.55	7,133,260.55	
JULY	8,659,181.80	8,659,181.80	
AUGUST	7,914,840.19	7,914,840.19	
SEPTEMBER	8,194,268.38	8,194,268.38	
OCTOBER	7,016,391.33	7,016,391.33	
NOVEMBER	7,367,210.90	7,367,210.90	
DECEMBER	6,934,431.86	6,934,431.86	
TOTAL	85,741,459.41	85,741,459.41	

5.2 OPERATION OF THE CONNECTION AGREEMENTS

TABLE 5.2(a) OPERATION OF THE CONNECTION AGREEMENT –NIGELEC (JAN - DEC, 2007)

MONTHS	ELECTRICITY DELIVERED		INVOICE (\$)	PAYMENT MADE (\$)	OUTSTANDING (\$)	CUMMULATIVE OUTSTANDING (\$)
	CAPACITY (MW)	ENERGY (MWH)				
B/F DEC, 2006						4,653,182.00
JANUARY	59.74	27,290.60	939,217.00	2,255,000.00	1,315,783.00	3,337,399.00
FEBRUARY	63.02	31,291.00	1,040,959.00	7,500.00	1,033,459.00	4,370,858.00
MARCH	73.21	37,608.40	1,247,140.00	1,495,000.00	247,860.00	4,122,998.00
APRIL	74.22	41,617.20	1,350,065.00	2,992,490.00	1,642,425.00	2,480,573.00
MAY	76.33	42,193.70	1,374,569.00	-	1,374,569.00	3,855,142.00
JUNE	74.21	39,267.00	1,285,847.00	-	1,285,847.00	5,140,989.00
JULY	73.10	38,714.00	1,270,704.00	-	1,270,704.00	6,411,693.00
AUGUST	72.09	37,312.70	1,234,507.00	2,203,117.00	968,610.00	5,443,083.00
SEPTEMBER	74.27	40,936.30	1,335,802.00	750,000.00	585,802.00	6,028,885.00
OCTOBER	75.29	42,753.60	1,382,467.00	2,249,900.00	867,433.00	5,161,452.00
NOVEMBER	73.16	37,941.50	1,257,686.00	-	1,257,686.00	6,419,138.00
DECEMBER	69.47	33,795.00	1,139,940.00	2,250,000.00	1,110,060.00	5,309,078.00
TOTAL		450,721.00	14,858,903.00	14,203,007.00	655,896.00	5,309,078.00

TABLE 5.2(b) OPERATION OF THE CONNECTION AGREEMENT –CEB (JAN - DEC, 2007)

MONTHS	ELECTRICITY DELIVERED		INVOICE (\$)	PAYMENT MADE (\$)	OUTSTANDING (\$)	CUMMULATIVE OUTSTANDING (\$)
	CAPACITY (MW)	ENERGY (MWH)				
B/F DEC, 2006						-
JANUARY	-	-	-	-	-	-
FEBRUARY	-	-	-	-	-	-
MARCH	80.00	82,801.00	3,588,920.00	-	3,588,920.00	3,588,920.00
APRIL	80.00	55,876.00	2,522,690.00	-	2,522,690.00	6,111,610.00
MAY	80.00	55,164.00	2,494,495.00	3,588,920.00	1,094,425.00	5,017,185.00
JUNE	80.00	55,461.00	2,506,256.00	2,522,690.00	16,434.00	5,000,751.00
JULY	80.00	54,823.00	2,480,991.00	2,494,495.00	13,504.00	4,987,247.00
AUGUST	80.00	53,621.00	2,433,392.00	2,500,000.00	66,608.00	4,920,639.00
SEPTEMBER	80.00	50,090.00	2,293,565.00	2,480,948.00	187,383.00	4,733,256.00
OCTOBER	80.00	51,376.00	2,344,490.00	2,433,367.00	88,877.00	4,644,379.00
NOVEMBER	80.00	53,130.00	2,413,949.00	2,293,514.00	120,435.00	4,764,814.00
DECEMBER	80.00	57,809.00	2,599,237.00	2,344,465.00	254,772.00	5,019,586.00
TOTAL		570151.00	25,677,985.00	20,658,399.00	5,019,586.00	5,019,586.00

6.0 ADMINISTRATION OF EFFICIENCY IMPROVEMENT PROGRAMS

6.1 INCENTIVE SCHEME

TABLE 6.1 DISCO PERFORMANCE AGAINST TARGETS (JAN - DEC, 2007)

DISCOS	Q1 – 07				Q2 – 7			
	FIRST QUARTER TARGET	JAN PIM	FEB PIM	MAR PIM	SECOND QUARTER TARGET	APR PIM	MAY PIM	JUN PIM
ABUJA	4.80	4.36	4.53	4.31	4.50	5.60	3.81	5.43
BENIN	4.29	3.11	4.01	3.21	3.66	3.56	3.24	4.25
EKO	5.91	5.73	5.99	6.14	5.94	6.56	5.11	7.50
ENUGU	4.00	4.08	4.76	4.80	4.41	4.69	4.00	5.59
IBADAN	4.76	4.30	5.16	5.26	4.87	4.90	4.39	5.85
IKEJA	5.28	4.65	5.40	5.77	5.28	5.81	4.66	7.11
JOS	4.53	3.80	4.58	4.65	4.39	4.48	4.12	5.07
KADUNA	4.09	2.49	3.00	2.97	3.14	3.20	2.84	3.39
KANO	4.84	3.27	3.71	3.91	3.93	4.13	3.39	4.79
P/H	4.60	4.35	5.20	5.38	4.88	8.66	4.51	7.03
YOLA	4.51	3.00	3.54	3.19	3.56	3.66	3.08	2.91

DISCOS	Q3 – 7				Q4 – 7				AVERAGE		% OF DEVIATION
	THIRD QUARTER TARGET	JUL PIM	AUG PIM	SEPT PIM	FOURTH QUARTER TARGET	OCT PIM	NOV PIM	DEC PIM	TARGET	PERFORMANCE	
ABUJA	4.87	5.24	4.58	4.70	5.02	4.65	4.18	5.88	4.80	4.77	(0.47)
BENIN	4.46	3.92	2.98	3.65	4.66	4.01	3.73	3.59	4.27	3.61	(15.56)
EKO	5.96	7.25	6.53	6.06	6.13	6.73	5.87	6.29	5.99	6.31	5.47
ENUGU	4.18	5.43	4.65	4.46	4.29	4.74	4.80	4.87	4.22	4.74	12.35
IBADAN	4.96	5.80	5.02	4.99	5.13	5.00	5.19	5.01	4.93	5.07	2.92
IKEJA	5.41	6.62	5.58	5.28	5.57	5.78	5.14	5.56	5.39	5.61	4.22
JOS	4.85	4.94	3.65	3.32	5.04	4.09	4.33	4.38	4.70	4.28	(8.90)
KADUNA	4.16	3.49	3.15	2.82	4.29	2.99	3.05	2.96	3.92	3.03	(22.73)
KANO	5.25	5.04	4.20	4.51	5.56	4.45	4.09	3.59	4.90	4.09	(16.49)
P/H	4.83	5.40	5.21	4.91	5.00	4.69	3.39	4.50	4.83	5.27	9.17
YOLA	4.75	5.70	2.36	1.98	4.89	3.71	3.96	4.03	4.43	3.43	(22.62)

6.2 PROGRESS ON THE NATIONAL PRE-PAYMENT METERING PROJECT

TABLE 6.2 PROGRESS ON THE NATIONAL PRE-PAYMENT METERING PROJECT AS AT DEC, 2007

EDC	NO OF METERS		AVERAGE MONTHLY ENERGY VENDED (KWh)	AVERAGE MONTHLY REVENUE (=N=)
	1 - Q	3 - Q		
ABUJA	24,073	9,349	11,546,171.70	85,991,455.00
BENIN	27,755	6,969	9,679,386.00	57,105,566.00
EKO	40,549	22,510	17,840,738.00	120,589,478.00
ENUGU	38,424	3,797	6,187,387.27	61,957,810.99
IBADAN	42,360	6,939	6,106,170.11	39,452,662.80
IKEJA	16,020	16,323	9,857,411.07	76,305,763.39
JOS	5,365	397	10,177,134.85	80,836,744.24
KADUNA	11,417	4,825	3,995,744.80	24,697,556.44
KANO	200	407	157,734.40	1,950,681.26
P/H	2,879	5,373	2,639,709.00	20,271,542.00
YOLA	3,570	1,362	532,357.50	5,744,305.83
TOTAL	212,612	78,251	78,719,944.70	574,903,565.95

7.0 GAS CONSUMPTION

TABLE 7. GAS CONSUMPTION AGAINST ENERGY GENERATED (JAN - DEC, 2007)

MONTH	GENCO	GAS CONSUMED (SCF)	RATE (=N=/10 00SCF)	AMOUNT (=N=)	VAT (=N=)	TOTAL (=N=)	ENERGY GENERATED (KWH)	COST OF GAS/ ENERGY (=N=/KWH)	UNIT OF GAS/ ENERGY (SCF/KWH)
JAN	EGBIN	4,325,402,950.00	52.00	224,920,953.40	11,246,047.67	236,167,001.07	423,493,490.00	0.56	10.21
	AES	2,276,993,700.00	52.00	118,403,672.40	5,920,183.62	124,323,856.02	179,136,550.00	0.69	12.71
	SAPELE	530,878,567.00	52.00	27,605,685.48	1,380,284.27	28,985,969.76	38,575,000.00	0.75	13.76
	DELTA	4,294,096,189.00	52.00	223,293,001.83	11,164,650.09	234,457,651.92	321,061,000.00	0.73	13.37
	AFAM	1,149,131,824.20	52.00	59,754,854.86	2,987,742.74	62,742,597.60	89,691,000.00	0.70	12.81
FEB	EGBIN	3,389,084,171.00	52.00	176,232,376.89	8,811,618.84	185,043,995.74	347,511,090.00	0.53	9.75
	AES	1,722,680,100.00	52.00	89,579,365.20	4,478,968.26	94,058,333.46	139,278,340.00	0.68	12.37
	SAPELE	505,037,719.00	52.00	26,261,961.39	1,313,098.07	27,575,059.46	34,399,000.00	0.80	14.68
	DELTA	3,432,726,245.00	52.00	176,501,764.74	8,925,088.24	187,426,852.98	251,577,400.00	0.75	13.64
	AFAM	443,599,431.90	52.00	23,067,170.46	1,153,358.52	24,220,528.98	35,653,700.00	0.68	12.44
	GEREGU	45,289,914.00		2,355,075.53	117,753.78	2,472,829.30	1,075,000.00	2.30	42.13
MAR	EGBIN	1,825,534,520.00	52.00	94,927,795.04	4,746,389.75	99,674,184.79	181,102,390.00	0.55	10.08
	AES	1,063,906,800.00	52.00	55,323,153.60	2,766,157.68	58,089,311.28	81,225,510.00	0.72	13.10
	SAPELE	591,846,320.00	52.00	30,776,008.64	1,538,800.43	32,314,809.07	40,505,000.00	0.88	14.61
	DELTA	3,466,235,308.00	52.00	180,244,236.02	9,012,211.80	189,256,447.82	250,188,000.00	0.76	13.85
	AFAM	470,255,467.92	52.00	24,453,284.33	1,222,664.22	25,675,948.55	33,920,200.00	0.76	13.86
	GEREGU	627,897,295.00	52.00	32,650,659.39	1,632,532.97	34,283,192.361	54,270,000.00	0.63	11.57
APR	EGBIN	3,032,297,103.00	52.00	157,679,449.36	7,883,972.47	165,563,421.82	323,920,750.00	0.51	9.36
	AES	1,439,888,400.00	52.00	74,874,196.80	3,743,709.84	78,617,906.64	113,989,400.00	0.69	12.63
	SAPELE	589,056,066.00	52.00	30,630,915.43	1,531,545.77	32,162,461.20	39,490,000.00	0.81	14.92
	DELTA	3,022,545,044.00	52.00	157,172,342.29	7,858,617.11	165,030,959.40	213,153,000.00	0.77	14.18
	AFAM	992,921,562.00	52.00	51,631,921.22	2,581,596.06	54,213,517.29	68,021,500.00	0.80	14.60
	GEREGU	1,500,072,907.00	52.00	78,003,791.16	3,900,189.56	81,903,980.72	128,575,600.00	0.64	11.67

MONTH	GENCO	GAS CONSUMED (SCF)	RATE (=N=/100SCF)	AMOUNT (=N=)	VAT (=N=)	TOTAL (=N=)	ENERGY GENERATED (KWH)	COST OF GAS/ ENERGY (=N=/KWH)	UNIT OF GAS/ ENERGY (SCF/KWH)
MAY	EGBIN	3,880,167,317.00	52.00	201,768,700.48	10,088,435.02	211,857,135.51	398,551,010.00	0.53	9.74
	AES	1,953,017,400.00	52.00	101,556,904.80	5,077,845.24	106,634,750.04	150,047,750.00	0.71	13.02
	SAPELE	684,999,724.00	52.00	35,619,985.65	1,780,999.28	37,400,984.93	33,236,000.00	1.13	20.61
	DELTA	3,139,152,393.00	52.00	163,235,924.44	8,161,796.22	171,397,720.66	218,094,000.00	0.79	14.39
	AFAM	2,003,245,523.52	52.00	104,168,767.22	5,208,438.36	109,377,205.58	169,186,500.00	0.65	11.84
	GEREGU	1,601,169,710.00	52.00	83,260,824.92	4,163,041.25	87,423,866.17	155,914,180.00	0.56	10.27
JUN	EGBIN	3,356,764,183.00	52.00	174,551,737.52	8,727,586.88	183,279,324.39	365,563,000.00	0.50	9.18
	AES	1,789,494,100.00	52.00	93,053,693.20	4,652,684.66	97,706,377.86	13,651,530.00	7.16	131.08
	SAPELE	629,137,791.00	52.00	32,715,165.13	1,635,758.26	34,350,923.39	43,647,000.00	0.79	14.41
	DELTA	3,134,126,195.00	52.00	162,974,562.14	8,148,728.11	171,123,290.25	217,190,900.00	0.79	14.43
	AFAM	1,718,585,438.00	52.00	89,366,442.78	4,468,322.14	93,834,764.91	133,737,200.00	0.70	12.85
	GEREGU	1,601,169,710.00	52.00	83,260,824.92	4,163,041.25	87,423,866.17	150,131,000.00	0.58	10.67
JUL	EGBIN	2,865,089,851.00	52.00	148,984,672.25	7,449,233.61	156,433,905.86	298,869,720.00	0.52	9.59
	AES	1,634,320,700.00	52.00	84,984,676.40	4,249,233.82	89,233,910.22	127,108,310.00	0.70	12.86
	SAPELE	716,613,299.00	52.00	37,263,891.55	1,863,194.58	39,127,086.13	46,042,000.00	0.85	15.56
	DELTA	3,226,104,529.00	52.00	167,757,435.51	8,387,871.78	176,145,307.28	220,961,000.00	0.80	14.60
	AFAM	1,718,585,437.88	52.00	89,366,442.77	4,468,322.14	93,834,764.91	142,542,600.00	0.66	12.06
	GEREGU	1,389,191,985.00	52.00	72,237,983.22	3,611,899.16	75,849,882.38	127,594,900.00	0.59	10.89
	OMOTOSO	155,376,711.00	52.00	8,079,588.97	403,979.45	8,483,568.42	16,256,110.00	0.52	9.56
AUG	EGBIN	2,904,367,648.00	52.00	151,027,117.70	7,551,355.88	158,578,473.58	301,618,850.00	0.53	9.63
	AES	2,256,097,100.00	52.00	117,317,049.20	5,865,852.46	123,182,901.66	173,022,810.00	0.71	13.04
	SAPELE	1,099,039,387.00	52.00	57,150,048.12	2,857,502.41	60,007,550.53	73,015,000.00	0.82	15.05
	DELTA	2,964,837,978.00	52.00	154,171,574.86	7,708,578.74	161,880,153.60	208,163,700.00	0.78	14.24
	AFAM	1,599,022,241.00	52.00	83,149,156.53	4,157,457.83	87,306,614.36	132,726,000.00	0.66	12.05
	GEREGU	1,338,416,286.00	52.00	69,597,646.87	3,479,882.34	73,077,529.22	208,163,700.00	0.35	6.43
	OMOTOSO	318,391,243.00	52.00	16,556,344.64	827,817.23	17,384,161.87	32,757,800.00	0.53	9.72

MONTH	GENCO	GAS CONSUMED (SCF)	RATE (=N=/100SCF)	AMOUNT (=N=)	VAT (=N=)	TOTAL (=N=)	ENERGY GENERATED (KWH)	COST OF GAS/ ENERGY (=N=/KWH)	UNIT OF GAS/ ENERGY (SCF/ KWH)
SEPT	EGBIN	2,974,295,677.00	52.00	154,663,375.20	7,733,168.76	162,396,543.96	287,521,370.00	0.56	10.34
	AES	1,952,543,500.00	52.00	101,532,262.00	5,076,613.10	106,608,875.10	154,048,780.00	0.69	12.67
	SAPELE	705,750,645.00	52.00	36,699,033.54	1,834,951.68	38,533,985.22	50,903,000.00	0.76	13.86
	DELTA	2,880,269,985.00	52.00	149,774,039.22	7,488,701.96	157,262,741.18	201,932,000.00	0.78	14.26
	AFAM	1,603,994,740.22	52.00	83,407,726.49	4,170,386.32	87,578,112.82	128,360,400.00	0.68	12.50
	GEREGU	983,063,222.00	52.00	51,119,287.54	2,555,964.38	53,675,251.92	85,535,600.00	0.63	11.49
	OMOTOSO	185,665,077.47	52.00	9,654,584.03	482,729.20	10,137,313.23	16,298,400.00	0.62	11.39
OCT	EGBIN	1,922,124,090.00	52.00	99,950,452.68	4,997,522.63	104,947,975.31	194,983,850.00	0.54	9.86
	AES	1,041,525,700.00	52.00	54,159,336.40	2,707,966.82	56,867,303.22	80,842,700.00	0.70	12.88
	SAPELE	504,602,222.00	52.00	26,239,315.54	1,311,965.78	27,551,281.32	21,337,000.00	1.29	23.65
	DELTA	3,176,158,166.00	52.00	165,160,224.63	8,258,011.23	173,418,235.86	219,526,400.00	0.79	14.47
	AFAM	1,846,803,297.00	52.00	96,033,771.44	4,801,688.57	100,835,460.02	148,794,000.00	0.68	12.41
	GEREGU	1,053,654,441.00	52.00	54,790,030.93	2,739,501.55	57,529,532.48	101,539,000.00	0.57	10.38
	OMOTOSO	157,507,736.50	52.00	8,190,402.30	409,520.12	8,599,922.42	15,000,100.00	0.57	10.50
NOV	EGBIN	2,379,219,793.00	52.00	123,719,429.24	6,185,971.46	129,905,400.70	225,899,000.00	0.58	10.53
	AES	1,881,959,500.00	52.00	97,861,894.00	4,893,094.70	102,754,988.70	195,851,000.00	0.52	9.61
	SAPELE	295,108,403.00	52.00	15,345,636.96	767,281.85	16,112,918.80	20,297,000.00	0.79	14.54
	DELTA	2,889,408,938.00	52.00	150,249,264.78	7,512,463.24	157,761,728.01	194,787,700.00	0.81	14.83
	AFAM	2,355,280,488.85	52.00	122,474,585.42	6,123,729.27	128,598,314.69	142,761,600.00	0.90	16.50
	GEREGU	795,798,064.00	52.00	41,381,499.33	2,069,074.97	43,450,574.29	75,874,600.00	0.57	10.49
	OMOTOSO	278,708,614.50	52.00	14,492,847.95	724,642.40	15,217,490.35	25,249,800.00	0.60	11.04
DEC	EGBIN	2,747,047,517.00	52.00	142,846,470.88	7,142,323.54	149,988,794.43	287,646,000.00	0.52	9.55
	AES	1,905,949,300.00	52.00	99,109,363.60	4,955,468.18	104,064,831.78	144,383,600.00	0.72	13.20
	SAPELE	545,980,119.00	52.00	28,390,966.19	1,419,548.31	29,810,514.50	49,344,000.00	0.60	11.06
	DELTA	2,590,694,218.00	52.00	134,716,099.34	6,735,804.97	141,451,904.30	180,083,500.00	0.79	14.39
	AFAM	2,160,176,042.13	52.00	112,329,154.19	5,616,457.71	117,945,611.90	175,764,900.00	0.67	12.29
	GEREGU	1,091,324,307.00	52.00	56,748,863.96	2,837,443.20	59,586,307.16	104,878,500.00	0.57	10.41
	OMOTOSO	452,382,852.00	52.00	23,523,908.30	1,176,195.42	24,700,103.72	41,238,700.00	0.60	10.97
TOTAL		133,880,020,737.59		6,959,761,078.40	348,088,053.94	7,309,849,132.41	11,118,287,990.00		