



**OPERATOR OF THE NIGERIAN
ELECTRICITY MARKET**

Report On The Nigerian Electricity Market Operations

January – December 2008

By

The Market Operations Sector
(Transmission Company Of Nigeria)

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OUR MISSION

*To be an Efficient Administrator of the
Market Rules, in a manner that
assures credibility and promotes
Competition and Stability in the
Nigerian Electricity Market*



OUR CORE VALUES

- Independence
- Transparency
- Reliability
- Efficiency
- Accountability



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INTRODUCTION

This report is an account of the activities of the Market Operations Sector for the year 2008. It also represents an account of the commercial activities of the Nigerian Electricity Market during the year. It is presented in five sections, in line with the roles of the Market Operator in the Nigerian Electricity Industry. The sections are;

- Administration of the Trading Point Metering and Management of the Metered quantities.
- Administration of Market Settlements (Billing and Charges)
- Administration of Market Collections.
- Administration of Market Payments.
- Settlement Administration of the Special Customers
- Settlement Administration of the PPAs and Connection Agreements.

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

1.1 Inter-Face Metering

Table 1.1.1 shows the status of the trading point metering in the wholesale Electricity Market as at the end of the year while table 1.1.2 shows the activities on grid metering, meters, during the period.

From table 1.1.1, it can be seen that there were six hundred and fifty eight (**658**) trading points nation-wide. Forty-five (**45**) out of this number were generation/transmission interface points, where the generators, including the IPPs, inject energy into the wholesale market. Five hundred and sixty two (**562**) were transmission/distribution interface points, where distributors, including the large power consumers, extract energy from the wholesale market. Forty-six (**46**) were Inter-Disco boundary points on shared feeders (among two or more Distributors), while five (**5**) were the interfaces for export trading. Six hundred and twenty four (**624**) trading points have been metered with intelligent electronic meters while thirty four (**34**) points were yet to be metered.

The unmetered points were mainly the Inter-Disco boundary points. Metering of these points is currently going on.

1.2 Generation Capacity Availability

Table 1.2 shows the capacity availability for the generators during the year. The average total monthly available capacity for all the generators was **4,056.18Mw** with about **82%** of the available capacity contributed by the Federal Government owned generators, while **18%** came from the IPPs. Also, the table shows that average hydro:thermal capacity mix during the year was **33:67**. This shows a significant deviation from 2007 mix of **39:61**. The reason for this is because there was an increase in available capacity from some stations like Egbin (from **732.40Mw** in 2007 to **778.91Mw** in 2008), Geregu (from **203.98Mw** in 2007 to **294.59Mw** in 2008), Sapele (from **96.53Mw** in 2007 to **131.65Mw** in 2008), Omotoso (from **61.18Mw** in 2007 to **232.59Mw** in 2008, though it started generation in August, 2007), Olorunsogo/Papalanto (from **8.78Mw** in 2007 to **252.65Mw** in 2008, though it started generation in December, 2007), AES(from **223.78Mw** in 2007 to **233.58Mw** in 2008) and the introduction of Afam vi (Shell) in August, 2008. Although Afam, Delta, Agip, Ajaokuta and the hydro stations recorded a shortfall in capacity in 2008.

Fig. 1.2.1 and fig. 1.2.2 are the pie charts showing the FGN-IPP capacity (Mw) contributions and average thermal-hydro capacity (Mw) contributions, respectively.

1.3 Energy Generated

Table 1.3 shows the total energy generated by all the generators connected to the grid (State-owned generation companies and the IPPs) during the year. Also fig. 1.3.1 and fig. 1.3.2 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.

From the table, it can be seen that a total of **21,544,792.02Mwh** or a monthly average of **1,795,399.34Mwh** was generated during the year. The FGN contributed **77%** of the total energy generated while **23%** came from the IPPs. The hydro:thermal mix was **35:65**.

1.4 Energy Injected into the Grid

Table 1.4 shows the quantities of energy sent into the grid by the different generators during the year. Fig. 1.4.1 and 1.4.2 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 **20,809,440.08Mwh** or an average of **1,734,120.01Mwh** per month, with the highest contribution of **22.16%** from Egbin, followed by Jebba, Agip and Kainji with **13.25%**, **12.92%** and **12.83%** respectively. The FGN generators contributed **78%** of the total energy traded in the WEM while **22%** was contributed by the IPPs. Also, the hydro:thermal mix was **35:65**. This is similar to the hydro:thermal energy contributions in 2007.

1.5 Energy Consumed by the Generators

Table 1.5 shows the quantities of energy consumed by the various generators. From the table, it can be seen that Afam, Egbin, Omotoso, Olorunsogo and Afam vi thermal stations and Nesco hydro station sent out more energy than they generated. This was traced to generator meter accuracy problems. This situation has been discussed with the relevant officers in the power plants for solutions. Ajaokuta thermal station consumed about **71.80%** of its generation. On the whole, the generators consumed **471,710.12Mwh** or **2.19%** of their total generation for their auxiliary services and offices. Ajaokuta's consumption was for the steel company's production.

1.6 Energy Received by the Distributors

Table 1.6 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, the International Customers and eligible customers was **18,403,388.69Mwh** or an average of **1,533,615.72Mwh** per month.

Out of this, the DISCOS consumed about **17,111,130.97Mwh** or **92.98%** while **1,065,595.32Mwh** or **5.79%** went for export during the year. A total of **226,662.40Mwh** or **1.23%** went to Ajaokuta, NIOMCO Itakpe and Delta Steel Company Aladja.

Fig. 1.6 shows the monthly profile of the total energy extracted from the grid.

1.7 Comparison of Energy Transmitted and Energy Delivered

Table 1.7 shows that out of the **20,809,440.08Mwh** injected into the grid by the generators, **18,403,388.69Mwh** was received by the Distributors. This means that a total of **2,406,051.39Mwh** was lost in the transmission network during the year resulting in an average Transmission Loss Factor of **11.56%**. It can be seen that apart from the month of July, 2008 when the loss factor was

8.57%, transmission losses in 2008 were significantly higher than in the corresponding months in 2007.

Fig. 1.7 shows the profiles of the Transmission Loss Factor (TLF) for 2008 against the TLF for 2007.

2.0 ADMINISTRATION OF MARKET SETTLEMENTS (BILLING AND CHARGES)

2.1 Electricity Prices for the Distribution Companies

Average wholesale price of electricity during the year was **3.42N/Kwh**. This represents a **1.48%** improvement over the 2007 average price of **3.37N/Kwh**.

The overall weighted average increase of about **1.48%** of the 2008 wholesale prices over the 2007 prices is shown in the graph in fig. 2.1. The increase was due to the collection efficiency improvement resulting from efficiency improvement programs implemented during the year.

2.2 Sales at the Wholesale Electricity Market –DISCOS, International Connections and Special Customers

Table 2.2 shows that the total invoice issued by the Market Operator during the year was **N76.81bn**. Out of this, **N69.35bn** or **90.28%** was issued to the DISCOS while **N5.17bn** or **6.74%** was issued in respect of the international connections.

Invoices in the sum of **N2.29bn** or **2.98%** was issued to the large power consumers (Ajaokuta, Itakpe and Delta Steel Company) during the year. The

lowest sales of **N4.4bn** was recorded in the month of June while the highest sales of **N8.5bn** was recorded in the month of October.

Fig. 2.2 is the graph showing the profile of sales at the wholesale electricity market during the year.

2.3 Sales at the Wholesale Electricity Market - GENCOS

Table 2.3 shows that the total charges by generators during the year was **N33.48bn**. Out of this, **N15.02bn or 45%** was by the FGN generators while **N18.46bn or 55%** was from the IPPs. Again, the lowest sales was in June while the highest sales was in October.

The profile of sales from the GENCOS at the wholesale electricity market during the year is shown in the graph in fig. 2.3.

2.4 PHCN/Special Customers Energy Generation Reconciliation

The component of Ajaokuta generation injected into the grid was netted off with Ajaokuta consumption and part of the consumption by NIOMCO Itakpe during the year.

Table 2.4 shows that the net energy due to be paid for by Ajaokuta Steel Company and NIOMCO Itakpe during the year was **51,377,200.00KWh**

while the energy due to be paid by Delta Steel Company during the period was **197,809,400.00KWh**.

2.5 Energy Billed by the DISCOS, and billed to the International Connection and the Special Customers

Table 2.5 shows the total monthly energy billed during the year. Fig. 2.5 is the graphical presentation of the monthly energy billed by the DISCOS, and billed to the International Customers and the Special Customers during the year compared with the total energy received during the period.

Energies billed in the months of May and November were more than the energies received in those months. This is not suppose to be so. The indication is that there were lots of estimated billing during those months.

The total energy billed during the year was **16,711,939,256.18Kwh** or an average of **1,392,661,604.68Kwh** per month. This was against the total energy of **18,403,388,690.00Kwh** received during the year. This shows that a total of **1,691,449,433.82Kwh** was lost in the distribution network due to technical and non-technical reasons.

Since bills to the International Connections and the Special Customers were based on the supplies at the trading points, it follows that the total distribution losses were incurred at the DISCO distribution networks. Therefore, with the

energy extracted by the DISCOS, the average distribution loss factor during the year was **10%**.

2.6 Revenue Billed by the DISCOS, and billed to the International Connections and the Special Customers

Table 2.6 shows the total monthly revenue billed by the DISCOS during the year. The graphical presentation of the monthly revenue billed during the year is shown in fig. 2.6

The total monthly revenue billed during the year was **N109,033,820,857.95** or a monthly average of **N9,086,151,738.16**.

With the total energy of **16,711,939,256.18Kwh** billed, it follows that the operating average price of electricity to consumers (including VAT and MMF) during the year was **N6.52/Kwh**.

3.0 ADMINISTRATION OF MARKET COLLECTION

3.1 Total Industry Revenue

This is the revenue collection at the Retail Electricity Market (REM) by the DISCOS, on the International Connections and from the Special Customers. Table 3.1 shows that a total of **N91.82bn** was collected for the energy sold during the year. Out of the total industry revenue, **N84.22bn** or **91.72%** was collected by the DISCOS, **N4.40bn** or **4.79%** was collected from the International Customers, **N0.50bn** or **0.55%** was collected from the Special Customers while **N2.70bn** or **2.94%** was collected from Lagos State Government during the year.

3.2 Revenue Collected at the Retail Electricity Market - REM

This is the revenue collected by the distribution companies from the retail of electricity to the industrial, commercial and domestic end-consumers. Table 3.2 shows that a total of **N84.22bn** was collected by the DISCOS for the energy sold during the year. This was against the total revenue of **N101,570,901,948.85** billed by the DISCOS during the year. It should be noted that this collection includes those in respect of MMF and VAT which is a non-tariff revenue. 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 **18.46%** to collection during the year. Yola Electricity Distribution Company collected **1.83%** of the total revenue while it received **2.03%** of the total energy delivered to the consumers during the year. The highest collection of **N8.07bn** was achieved in September while the lowest collection of **N5.90bn** was in May.

3.3 Revenue Collected at the Wholesale Electricity Market - WEM

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

Table 3.3 shows that the total WEM collection for energy delivered during the year was **48.63bn**. The table also shows that the highest contribution to the WEM collection came from Ikeja Electricity Distribution Company with **18.44%** collection contribution. Collections in respect of the International connections was **N4.40bn** or **9.05%**. The least contribution came from Yola Electricity Distribution Company with **0.20%**.

Between tables 2.2 and 3.3, the average WEM Collection Efficiency for the period was calculated as **63%**. The WEM collection as a percentage of the total industry collection was **53%**. This means that **47%** of the total 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 Wholesale Electricity Market

The revenue collected at the WEM during the year was applied in the market as shown in table 4. From the table, it can be seen that the FGN generators received **16.01%** of WEM collection or **8.48%** of the total industry collection during the year. The TCN, including the Market Operations Unit received **15.68%** of WEM or **8.14%** of total industry collection. The IPPs were paid **21.49%** of the WEM or **11.38%** of the total industry collection during the year. The CHQ received **17.61%** of the WEM or **9.33%** of the total industry collection while **5.00%** of WEM or **2.64%** of total industry collection was paid for VAT. For Gas Supply, **4.92%** of WEM or **2.61%** of total industry collection was paid.

5.0 ADMINISTRATION OF THE SPECIAL CUSTOMERS

5.1 Payment Status on Ajaokuta Steel Company and NIOMCO Itakpe

The net energy due to be paid for by Ajaokuta Steel Company and NIOMCO Itakpe during the year was **51,377,200.00KWh**. Table 5.1 shows that the total invoices issued Ajaokuta and Itakpe during the period was **N471,568,987.50**. Nothing was paid. Cumulative outstanding against Ajaokuta and NIOMCO Itakpe at the end of the year was **N628,248,034.50**.

5.2 Payment Status on Delta Steel Company

The total energy supplied Delta Steel Company during the year was **197,809,400.00KWh**. According to table 5.2, the total invoices issued during the period was **N1,311,968,070.00**. The sum of **N501,718,540.00** was paid. Cumulative outstanding against Delta Steel Company at the end of the year was **N1,685,626,865.00**.

6.0 ADMINISTRATION OF THE PPAS AND CONNECTION AGREEMENTS

6.1 Status of the IPPs and Operation of the PPAs

Table 6.1 shows that Agip nominated an average capacity of **476.70Mw** but delivered an average **301.47Mw** during the year. The wide gap between the declared capacity and the average actual capacity generated was attributed to short down of the plants for scheduled inspections. The invoice received from Agip for the capacity nominated and energy delivered during the year was **\$155.17m**. Payment made to Agip during the year was **\$46.80m**. Cumulative outstanding in favour of Agip as at Dec., 2008 including brought forward from 2007 was **\$218.81m**. Annual reconciliation to determine the amount due for payment considering the outages was yet to be conducted.

AES nominated an average capacity of **295.40Mw** but delivered an average of **210.85Mw** during the year. The company issued invoices in the total sum of **\$68.19m** as capacity charge during the year. Payment made to AES during the year was **\$85.29m**. Cumulative outstanding to AES at the end of the year including brought forward was **\$15.04m**. Payment during the year included the

arrears brought forward from 2007 and the call on the Standby Letter of Credit (SBLC) by AES in November, 2008.

NESCO invoice of **N65.84m** for energy supplied during the year was paid.

There was no outstanding in favor of NESCO at the end of the year.

6.2 Operation of the Connection Agreements

Table 6.2 shows the power and energy supplied to NIGEELEC and CEB during the year. The table shows that an average of **77.02Mw** and a total of **462,750.32Mwh** was supplied NIGEELEC while an average of **80.00Mw** and a total of **602,845.00Mwh** was supplied CEB during the year. Total invoices issued NIGEELEC was **\$15.40m** while total payment made was **\$12.60m**. Total outstanding balance in favor of PHCN from NIGEELEC during the year (including receivable brought forward) was **\$7.32m**. Total invoice issued CEB for electricity it received during the year was **\$27.59m**. The sum of **\$27.46m** was paid. Total outstanding against CEB at the end of the year (including brought forward) was **\$5.14m**.

7.0 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 period. 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.

7.1 Incentive Scheme

Table 7 shows the DISCO performances against their respective quarterly targets during the year. Whereas fig. 7 shows the average overall DISCO performance against the overall target, the individual DISCO performances against various targets are shown in figs. 7.1 to 7.11. Seven, out of the eleven Distribution Companies performed above their average targets while the performances of the rest four were below set targets.

8.0 GAS CONSUMPTION

All thermal plants including AES consumed **116,868,756,225.99Scf** of gas during the year. Invoices issued during the year was **N3.68bn**. Out of which **N2.39bn** was paid.

9.0 OUTSTANDING ISSUES

The following projects and activities billed for execution during the year 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 will be 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 about **50%** completed by the end of the year.

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 by the end of the year. Funding is the major constraint.

9.3 Telemetry

The plan to automate the reading of the trading point meters was yet to be executed by end of the year. A pilot project has been successfully executed and project rollout is constrained by funds.

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

1.1 Inter-Face Metering

Table 1.1.1 Status of Trading Point Metering

TRANSMISSION REGION	GENERATOR	DISTRIBUTOR	TYPE OF INTERFACE	NO	STATUS	REMARKS
BAUCHI	NESCO		GEN/DIST	4	OK	GANAWURI METER BURNT
		JOS	TRANS/DIST	31	OK	
		JOS/YOLA	DIST/DIST	2	NOT OK	1 YET TO BE METERED
		JOS/KADUNA	DIST/DIST	1	OK	
		JOS/ABUJA	DIST/DIST	1	OK	
		JOS/KANO	DIST/DIST	2	OK	
		NIGELEC	PHCN/NIGELEC	1	OK	
		YOLA	TRANS/DIST	32	OK	
BENIN	SAPELE		GEN/TRANS	3	OK	
	DELTA		GEN/TRANS	5	OK	
	AGIP		GEN/TRANS	4	OK	
	GEREGU		GEN/TRANS	3	OK	
		BENIN	TRANS/DIST	42	OK	
			DIST/DIST	1	OK	
ENUGU			GEN/TRANS	0		
			GEN/TRANS	0		
	OJI-RIVER		GEN/DIST	0		
			GEN/DIST	0		
		ENUGU	TRANS/DIST	53	OK	
		ENUGU/PHC	DIST/DIST	4	NOT OK	3 YET TO BE METERED
		ENUGU/ABUJA	DIST/DIST	1	NOT OK	YET TO BE METERED
		ENUGU/BENIN	DIST/DIST	1	NOT OK	YET TO BE METERED
KADUNA		KADUNA	TRANS/DIST	45	OK	
		NIGELEC	PHCN/NIGELEC	3	OK	
		KADUNA/KANO	DIST/DIST	1	OK	
		KANO	TRANS/DIST	40	OK	
		KANO/KADUNA	DIST/DIST	1	OK	
		KANO/YOLA	DIST/DIST	1	OK	
LAGOS	EGBIN		GEN/TRANS	6	OK	
	AES		GEN/TRANS	2	OK	
		IKEJA	TRANS/DIST	80	OK	
		CEB		1	OK	
		IKEJA/IBADAN	DIST/DIST	1	NOT OK	YET TO BE METERED
		IKEJA/EKO	DIST/DIST	2	NOT OK	YET TO BE METERED
		EKO	TRANS/DIST	62	OK	
		EKO/IBADAN	DIST/DIST	1	NOT OK	YET TO BE METERED
		EKO/IKEJA	DIST/DIST	13	NOT OK	YET TO BE METERED
PORTHARCOURT OSHOGBO			GEN/TRANS	0		
			GEN/TRANS	0		
		IBADAN	TRANS/DIST	79	OK	
		IBADAN/BENIN	DIST/DIST	1	NOT OK	YET TO BE METERED
		IBADAN/IKEJA	DIST/DIST	2	NOT OK	YET TO BE METERED
PORTHARCOURT	AFAM		GEN/TRANS	6	OK	
	AFAM VI		GEN/TRANS	2	OK	
	OMOKU		GEN/TRANS	1	OK	
	RST		GEN/DIST	0		
	ELEME		GEN/DIST	0		
		PHC/JOS	DIST/DIST	1	NOT OK	YET TO BE METERED
		PORT-HARCOURT	TRANS/DIST	45	OK	
		PHC/ENUGU	DIST/DIST	2	NOT OK	YET TO BE METERED
SHIRORO	SHIRORO		GEN/TRANS	4	OK	
	JEBBA		GEN/TRANS	2	OK	
	KAINJI		GEN/TRANS	3	OK	
		ABUJA	TRANS/DIST	53	OK	
		ABUJA/KADUNA	DIST/DIST	4	NOT OK	YET TO BE METERED
		ABUJA/BENIN	DIST/DIST	3	OK	
	TOTAL				658	

Table 1.1.2 Activity Report on Grid Metering

REGION	STATION	COMPLAINTS AND OBSERVATIONS	ACTION TAKEN	REMARKS
BAUCHI	GOMBE			
	AZARE	132KV STATION COMMISSIONED WITHOUT METERS ON INCOMER AND FEEDERS	METERS PROCURED FOR INSTALLATION	STATION STILL UNDER WARRANTY, NEW INSTALLATION NOT ALLOWED
	MAIDUGURI	DAMASAK INTER-BUNDARY METERING NOT PROPERLY EARTHED BY CONTRACTOR	CONTRACTOR WRITTEN TO CORRECT EARTHING	METER NOW OK
	YOLA	CT-UP GRADED, METER NOT YET REPROGRAMMED	METER REPROGRAMMED	STATION OK.
	SAVANNAH	NEW 33KV FEEDER COMMISSIONED, WITHOUT METER	METER INSTALLED	STATION OK
BENIN	AJAKUTA	NEKPEN-NEKPEN 33KV FEEDER METER DAMAGED	METER INSTALLED	STATION OK
		INCOMER ARE FAULTY	STATION VISITED	SYSTEM FIXED OK
ENUGU	NKALAGU	INCOMERS DID NOT RECONCILE WITH ITS FEEDERS	METERS CKTS FIXED	STATION METERS NOW OK
	ABA	INCOMERS DID NOT RECONCILE WITH ITS FEEDERS	METERS CKTS FIXED	STATION METERS NOW OK
	ONITSHA	INCOMERS DID NOT RECONCILE WITH ITS FEEDERS	METERS CKTS FIXED	STATION METERS NOW OK
KADUNA	GUSAU	T2A AND T2B 33KV FEEDERS CARRIES AVERAGE LOADS OF 120A BUT BOTH HAS C.T.R OF 100/50/1A	RTM KADUNA HAD BEEN INFORMED.	C.TS OF BOTH FEEDERS TO BE UPGRADED
	MANDO	T1 INCOMER METERING C.T. FAULTY.	RTM KADUNA DULY INFORMED.	RTM YET TO RESPOND
		T2 INCOMER HAS NO METERING C.T. CORE.	RTM KADUNA DULY INFORMED.	RTM YET TO RESPOND
LAGOS	ITIRE	VT ON T1 AND T2 BAD	WCM DULY INFORMED	AKANGBA WCM YET TO RESPOND
		CT ON AGO/OKOTA FEEDER BAD	WCM DULY INFORMED	
	ISOLO	T1 AND T2 OUT OF SERVICE	WCM INFORMED	FEEDERS RELOCATED, METERING NOT AFFECTED.
PORTHARCOURT	CALABAR	T1 INCOMER DID NOT RECONCILED WITH ITS FEEDERS.	T3 YET TO BE FIXED BY TCN	FEEDERS TRANSFERRED TO T3, METERING NOT AFFECTED
	PORTHARCOURT	INCOMERS DID NOT RECONCILE WITH ITS FEEDERS	METERS FIXED	ENERGY NOW RECONCILED OK.
	OWERRI	T1,T2,T3 OUT OF SERVICE FEEDERS	ALL FEEDERS TRANSFERRED TO MOBITRA (40MVA TF)	METERS RECONCILED OK.
SHIRORO	KUBWA	NEWLY COMMISSIONED KUBWA AND BWARI 33KV FEEDERS HAVE NO ENERGY METERS	ANALYSIS SHOWED THAT V.T. OUTPUT OF T1 WAS NOT WIRED TO THE 33KV CONTROL PANEL.. RTM DULY INFORMED.	RTM SHIRORO REGION YET TO TAKE ACTION THROUGH APO WCM.

1.2 Generation Capacity Availability

Table 1.2 Generation Capacity (Mw) Availability

OWNERSHIP	TECHNOLOGY	GENERATOR	JAN	FEB	MAR	APR	MAY	JUN	JUL
NIGERIA FEDERAL GOVERNMENT OF	THERMAL	AFAM	177.04	216.25	97.63	50.00	60.55	48.00	49.67
		DELTA	265.97	241.17	268.87	243.97	121.73	270.65	277.42
		EGBIN	614.73	566.90	569.10	676.00	692.32	823.10	850.84
		GEREGU	282.80	371.38	302.10	219.50	241.17	338.71	348.39
		SAPELE	87.83	139.76	142.59	101.63	161.26	149.48	155.69
		OMOTOSO	237.13	262.50	241.25	195.11	225.92	265.50	274.25
		OLARUNSOGO	199.80	248.24	265.40	266.63	276.81	276.25	286.92
	HYDRO	JEBBA	495.00	443.79	447.00	491.53	454.61	479.03	496.45
		KAINJI	458.37	442.28	433.17	410.17	298.73	190.19	196.97
		SHIRORO	510.00	506.90	450.00	489.17	408.67	357.26	370.81
INDEPENDENT POWER PRODUCERS	THERMAL	AES	243.34	246.88	199.15	215.60	207.98	239.52	246.30
		AGIP	393.13	480.14	454.60	396.90	317.70	249.71	262.13
		AFAM VI (SHELL)	-	-	-	-	-	-	-
		AJAOKUTA	26.91	22.00	-	-	-	-	-
		ELEME	-	-	-	-	-	-	-
		OMOKU	65.52	75.00	61.23	68.10	59.17	72.50	75.00
		T/AMADI	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	HYDRO	NESCO	10.00	10.00	10.00	10.00	10.00	10.00	10.00
TOTAL			4,067.57	4,273.19	3,942.09	3,834.31	3,536.61	3,769.90	3,900.84

Table 1.2(contd) Generation Capacity (Mw) Availability

OWNERSHIP	TECHNOLOGY	GENERATOR	AUG	SEPT	OCT	NOV	DEC	AVE	% Contribution
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	50.00	50.00	50.34	51.90	54.10	79.62	1.96
		DELTA	201.42	154.23	129.26	105.10	109.94	199.14	4.91
		EGBIN	838.71	906.07	962.42	851.83	994.84	778.91	19.20
		GEREGU	353.23	425.00	160.00	207.77	285.00	294.59	7.26
		SAPELE	169.60	118.70	136.55	126.70	90.00	131.65	3.25
		OMOTOSO	232.50	200.42	217.74	179.70	259.03	232.59	5.73
		OLARUNSOGO	271.17	214.24	225.00	233.79	267.50	252.65	6.23
	HYDRO	JEBBA	545.20	551.33	544.52	542.00	540.00	502.54	12.39
		KAINJI	254.00	386.03	429.29	487.23	450.48	369.74	9.12
		SHIRORO	546.61	580.00	551.61	415.00	420.97	467.25	11.52
INDEPENDENT POWER PRODUCERS	THERMAL	AES	243.17	226.77	262.28	246.77	225.21	233.58	5.76
		AGIP	374.20	379.67	368.19	184.97	422.71	357.00	8.80
		AFAM VI (SHELL)	122.00	148.79	152.22	111.41	188.15	60.21	1.48
		AJAOKUTA	25.33	-	40.00	24.24	-	11.54	0.28
		ELEME	-	-	-	-	-	-	-
		OMOKU	87.90	100.00	99.19	70.34	68.01	75.16	1.85
		T/AMADI	N/A	N/A	N/A	N/A	N/A	-	-
	HYDRO	NESCO	10.00	10.00	10.00	10.00	10.00	10.00	0.25
TOTAL			4,325.04	4,451.25	4,338.61	3,848.75	4,385.94	4,056.18	100.00
HYDRO : THERMAL = 33 : 67			FGN : IPP = 82 : 18						

Fig. 1.2.1

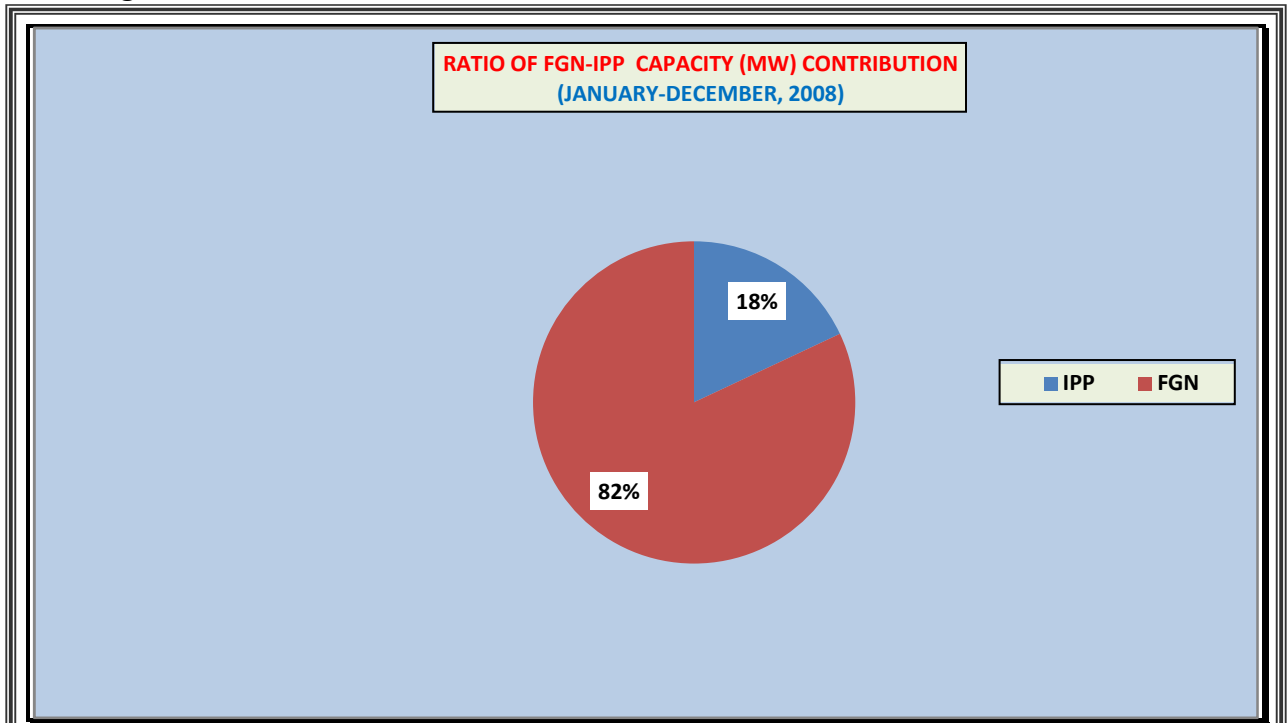
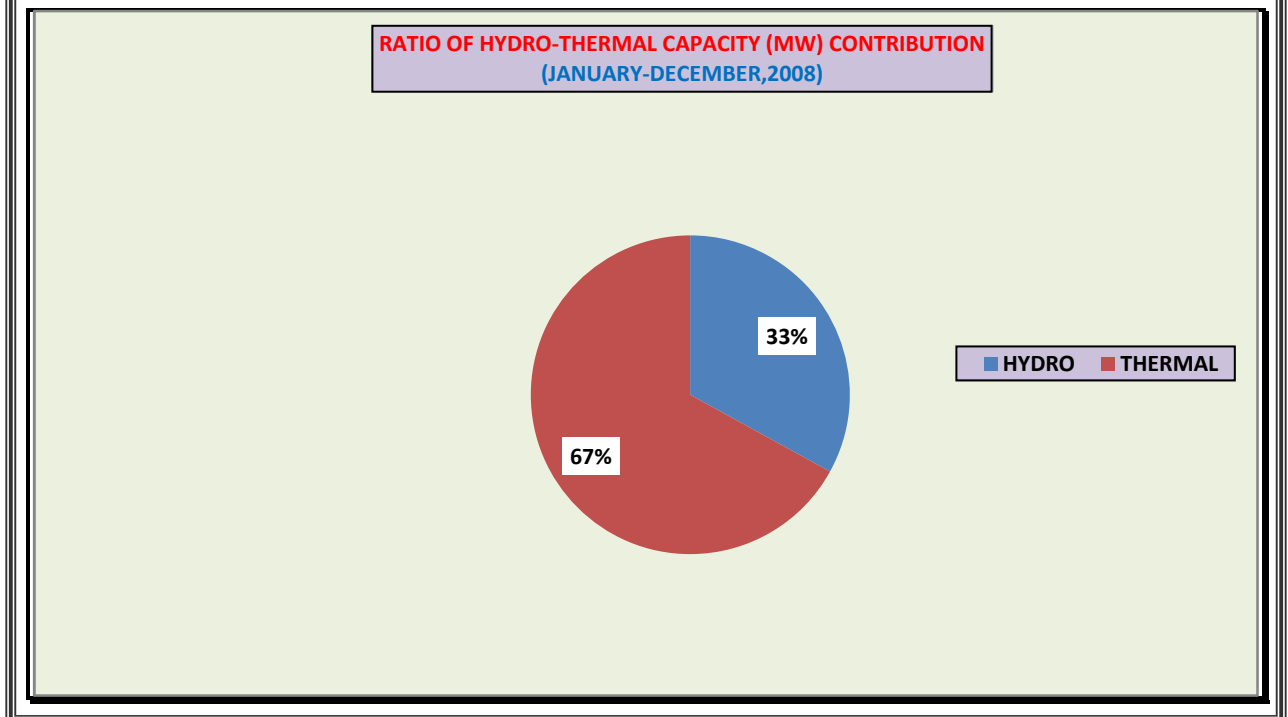


Fig. 1.2.2



1.3 Energy Generated

Table 1.3 Energy (Mwh) Generated by the Generators

OWNERSHIP	TECHNOLOGY	GENERATOR	JAN	FEB	MAR	APR	MAY	JUNE	JUL
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	100,804.50	97,481.00	40,262.20	12,041.10	12,979.00	9,987.10	24,725.00
		DELTA	179,863.90	146,894.10	172,157.40	160,100.20	75,624.10	121,210.80	193,155.90
		EGBIN	332,940.00	253,052.21	169,570.60	385,562.64	292,985.66	321,555.81	403,988.17
		GEREGU	118,326.00	83,885.30	177,406.60	95,341.10	79,473.10	137,927.80	47,394.42
		SAPELE	48,720.00	95,784.00	94,670.00	50,835.00	38,001.00	60,226.00	84,744.00
		OMOTOSO	36,798.50	41,294.40	37,839.00	42,822.00	28,678.40	30,555.10	39,459.00
		OLORUNSOGBO	4,440.20	16,375.90	12,425.10	34,068.33	20,761.90	18,743.00	26,983.60
	HYDRO	JEBBA	258,920.00	205,384.00	217,515.00	207,147.00	169,693.00	130,558.00	111,178.00
		KAINJI	288,577.00	275,747.00	286,277.00	254,223.00	187,202.00	117,863.00	91,069.00
		SHIRORO	141,730.00	140,369.00	152,691.00	80,681.00	103,718.00	91,537.00	95,225.00
INDEPENDENT POWER PRODUCERS	THERMAL	AES	168,874.01	159,992.18	104,851.53	131,334.79	143,028.30	132,671.12	169,061.40
		AGIP	266,432.00	317,287.00	282,825.00	248,658.00	172,813.00	82,669.00	188,871.00
		AFAM VI (SHELL)	-	-	-	-	-	-	-
		AJAOKUTA	9,494.00	968.00	-	-	-	-	-
		ELEME	-	-	-	-	-	-	-
		OMOKU	12,483.00	11,838.00	10,768.00	9,031.00	11,922.00	28,202.37	19,022.00
		T/AMADI	3,934.00	3,132.00	3,767.00	3,289.00	3,534.00	3,373.00	2,865.00
	HYDRO	NESCO	2,545.20	1,904.49	2,123.44	1,148.82	1,109.09	1,531.75	2,787.78
TOTAL			1,974,882.31	1,851,388.58	1,765,148.87	1,716,282.98	1,341,522.55	1,288,610.85	1,500,529.27

Table 1.3(contd) Energy (Mwh) Generated by the Generators

OWNERSHIP	TECHNOLOGY	GENERATOR	AUG	0.45 SEPT	OCT	NOV	DEC	TOTAL	AVE	%
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	-	-	11,886.00	176.00	1,929.70	312,271.60	23,022.63	1.45
		DELTA	137,875.00	100,213.50	78,409.60	68,444.80	77,038.70	1,510,988.00	125,915.67	7.01
		EGBIN	478,223.00	488,563.00	612,532.00	370,935.00	418,543.00	4,528,451.09	377,370.92	21.02
		GEREGU	55,444.86	42,557.40	55,705.00	53,652.00	48,760.40	995,873.98	82,989.50	4.62
		SAPELE	110,730.00	29,174.00	84,997.00	31,096.00	-	728,977.00	60,748.08	3.38
		OMOTOSO	51,434.00	50,645.00	48,462.50	40,172.00	43,165.00	491,324.90	40,943.74	2.28
		OLORUNSOGBO	49,385.30	65,468.60	38,494.10	74,754.25	19,686.00	381,586.28	31,798.86	1.77
	HYDRO	JEBBA	291,786.00	338,115.00	375,140.00	242,662.00	246,878.00	2,794,976	232,914.67	12.97
		KAINJI	152,882.00	226,982.00	253,227.00	288,952.00	284,019.00	2,707,020	225,585.00	12.56
		SHIRORO	291,786.00	338,115.00	282,869.00	192,543.00	178,196.00	2,089,460.00	174,121.67	9.70
INDEPENDENT POWER PRODUCERS	THERMAL	AES	176,322.00	160,886.16	177,074.77	162,417.94	160,190.20	1,846,704.40	153,892.03	8.57
		AGIP	248,307.80	245,641.00	247,243.00	118,848.00	289,096.00	2,708,690.80	225,724.23	12.57
		AFAM VI (SHELL)	-	-	45,557.83	30,995.73	65,785.22	142,338.78	11,861.57	0.66
		AJAKUTA	-	-	6,772.00	10,792.00	-	28,026.00	2,335.50	0.13
		ELEME	-	-	-	-	-	-	-	-
		OMOKU	20,140.00	8,583.00	22,801.00	30,933.00	26,029.00	211,752.37	17,646.03	0.98
		T/AMADI	3,741.00	3,317.00	4,200.00	4,011.00	3,797.00	42,960.00	3,580.00	0.20
	HYDRO	NESCO	2,183.62	2,362.36	2,692.87	1,862.20	1,139.20	23,390.82	1,949.24	0.11
TOTAL			2,070,240.58	2,100,623.02	2,348,063.67	1,723,246.92	1,864,252.42	21,544,792.02	1,795,399.34	100.00
HYDRO : THERMAL = 35 : 65			FGN : IPP = 77 : 23							

Fig. 1.3.1

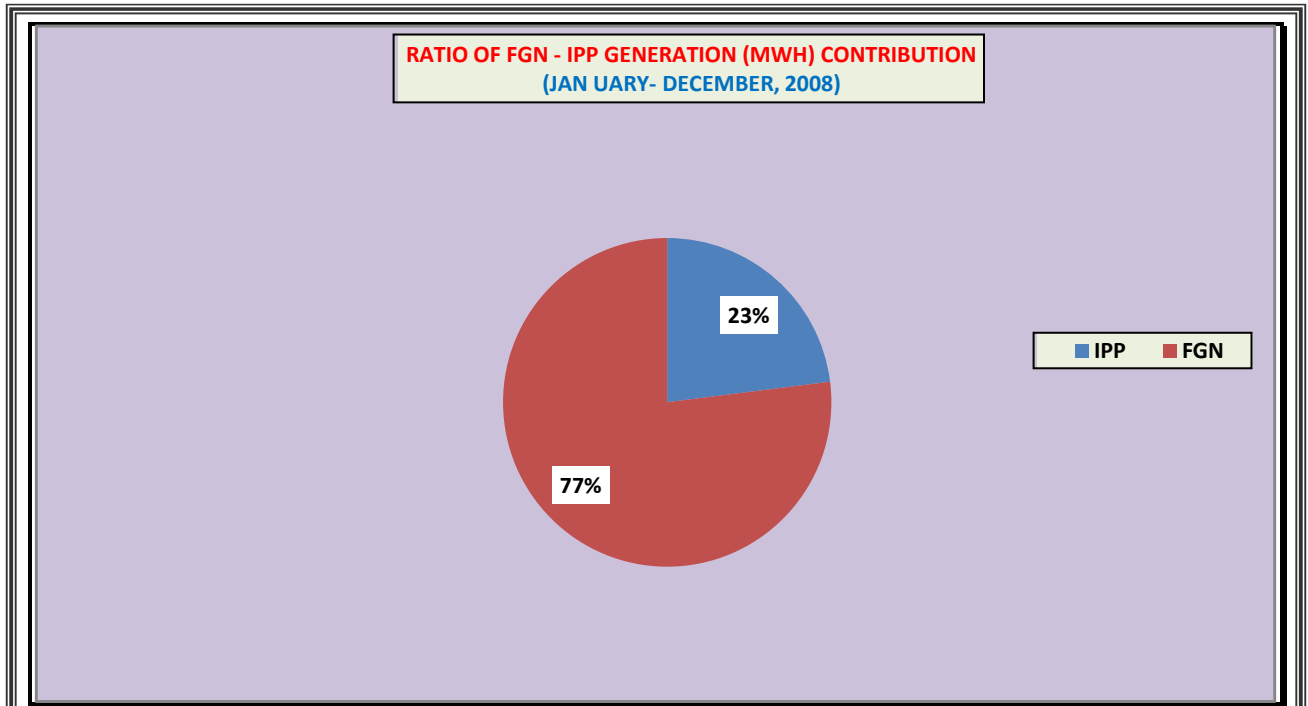
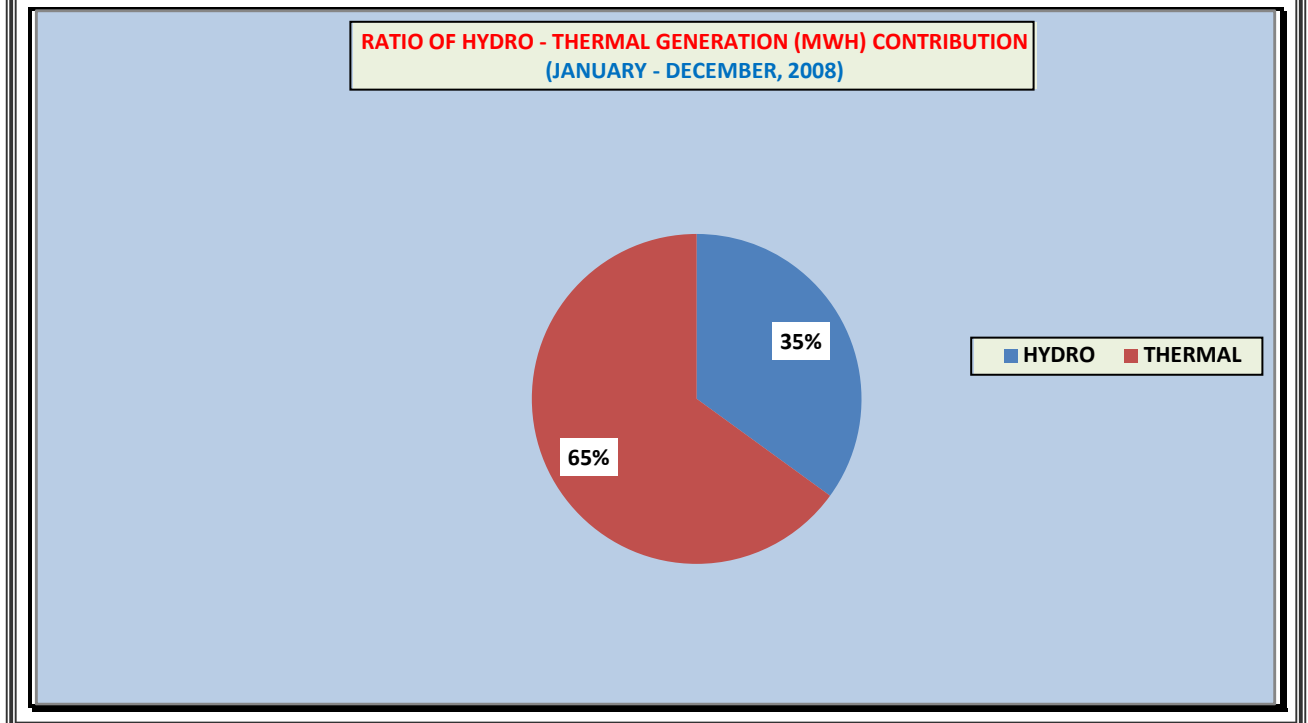


Fig. 1.3.2



1.4 Energy Injected into the Grid

Table 1.4 Energy (Mwh) Injected into the WEM

OWNERSHIP	TECHNOLOGY	GENERATOR	JAN	FEB	MAR	APR	MAY	JUN	JUL
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	80,740.00	78,266.00	42,719.00	48,414.00	40,727.00	28,639.00	24,810.00
		DELTA	173,785.32	142,713.13	126,850.28	130,750.52	81,371.64	118,111.64	192,510.40
		EGBIN	336,137.00	259,838.00	181,711.00	396,547.00	364,491.10	381,349.30	348,245.50
		GEREGU	117,199.00	83,164.00	175,853.60	94,385.40	78,617.00	78,617.00	47,453.00
		SAPELE	45,380.00	89,680.00	89,060.00	47,100.00	34,710.00	54,970.00	79,390.00
		OMOTOSO	36,404.70	63,505.50	36,347.00	41,132.00	30,337.00	29,191.00	37,563.10
		OLORUNSOGO	40,284.32	12,967.68	8,972.16	28,232.00	20,828.40	14,169.00	26,966.00
	HYDRO	JEBBA	258,409.64	202,270.00	214,360.00	203,300.00	166,370.00	128,010.00	108,760.00
		KAINJI	287,992.80	275,186.99	285,653.30	253,659.90	186,741.90	117,436.93	90,628.50
		SHIRORO	140,704.20	139,320.40	151,485.00	79,553.20	102,568.50	90,367.40	94,007.80
INDEPENDENT POWER PRODUCERS	THERMAL	AES	164,060.00	154,720.00	104,110.00	129,380.00	69,615.90	104,720.00	164,523.50
		AGIP	261,892.20	310,740.40	276,484.70	243,311.90	167,829.70	78,003.80	184,491.60
		AFAM VI (SHELL)	-	-	-	-	-	-	-
		AJAKUTA	-	5,679.00	-	-	-	-	-
		ELEME	-	-	-	-	-	-	-
		OMOKU							
		T/AMADI							
	HYDRO	NESCO							
TOTAL			1,942,989.18	1,818,051.10	1,693,606.04	1,695,765.92	1,344,208.14	1,223,585.07	1,399,349.40

Table 1.4(contd) Energy (Mwh) Injected into the WEM

OWNERSHIP	TECHNOLOGY	GENERATOR	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE	%
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	-	-	11,651.00	172.72	1,704.20	357,842.92	29,820.24	1.72
		DELTA	134,359.10	100,845.70	82,757.40	89,757.40	102,479.40	1,476,291.93	123,024.33	7.09
		EGBIN	451,864.00	488,563.00	612,532.00	370,935.00	418,543.00	4,610,755.90	384,229.66	22.16
		GEREGU	55,464.00	42,102.00	55,068.00	53,370.00	-	881,293.00	73,441.08	4.24
		SAPELE	104,710.00	28,390.00	78,225.00	16,820.00	48,181.00	716,616.00	59,718.00	3.44
		OMOTOSO	50,481.00	49,300.00	50,471.00	39,683.10	41,100.00	505,515.40	42,126.28	2.43
		OLORUNSOGO	49,166.00	61,839.00	38,532.00	74,718.00	18,813.00	395,487.56	32,957.30	1.90
	HYDRO	JEBBA	287,430.00	333,820.00	370,460.00	239,880.00	243,860.00	2,756,929.64	229,744.14	13.25
		KAINJI	152,407.65	226,468.90	252,633.90	256,633.90	283,418.00	2,668,862.67	222,405.22	12.83
		SHIRORO	138,472.00	360,793.90	261,528.80	178,041.60	177,013.90	1,913,856.71	159,488.06	9.20
INDEPENDENT POWER PRODUCERS	THERMAL	AES	170,703.20	156,475.00	171,991.00	156,811.00	127,846.00	1,674,955.60	139,579.63	8.05
		AGIP	242,835.70	240,010.20	240,532.80	158,270.00	283,973.40	2,688,376.40	224,031.37	12.92
		AFAM VI (SHELL)	-	-	46,869.87	35,504.59	72,377.90	154,752.36	12,896.03	0.74
		AJAOKUTA	1,010.00	-	1,215.00	-	-	7,904.00	658.67	0.04
		ELEME						-	-	-
		OMOKU						-	-	-
		T/AMADI						-	-	-
	HYDRO	NESCO						-	-	-
TOTAL			1,838,902.65	2,088,607.70	2,274,467.77	1,670,597.31	1,819,309.80	20,809,440.08	1,734,120.01	100.00
HYDRO : THERMAL = 35 : 65			FGN : IPP = 78 : 22							

Fig. 1.4.1

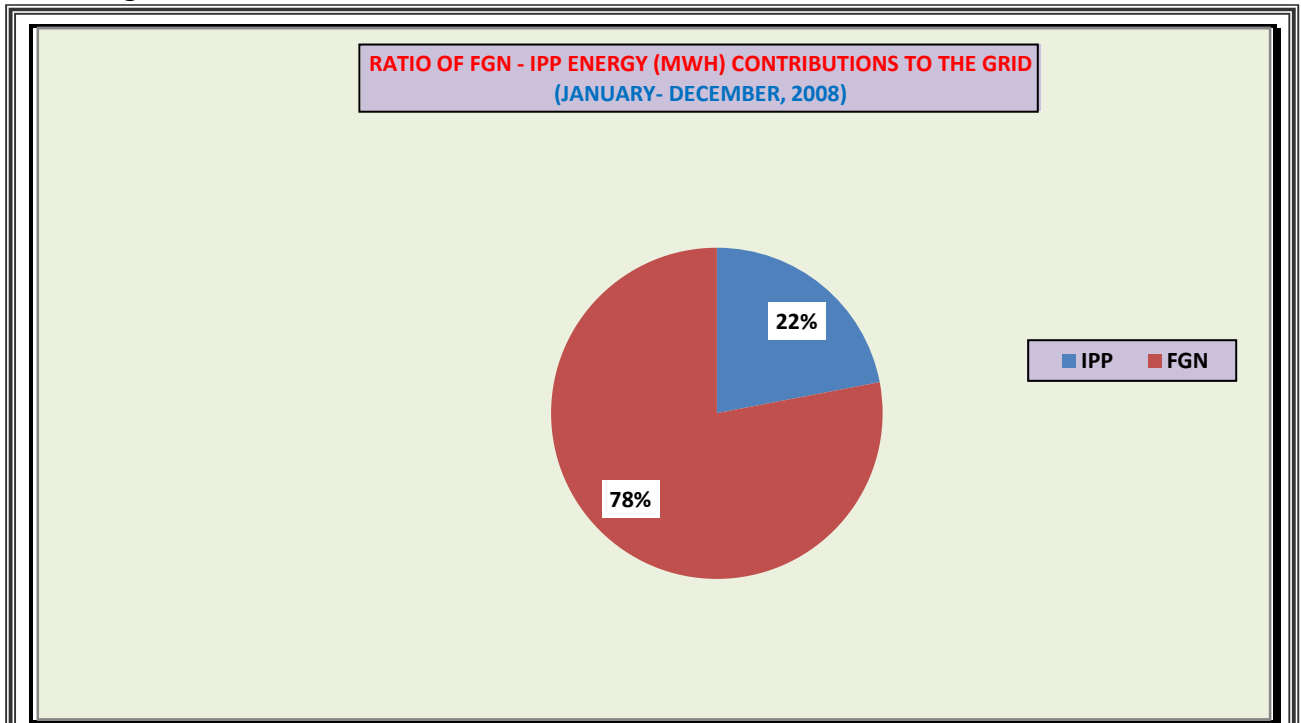
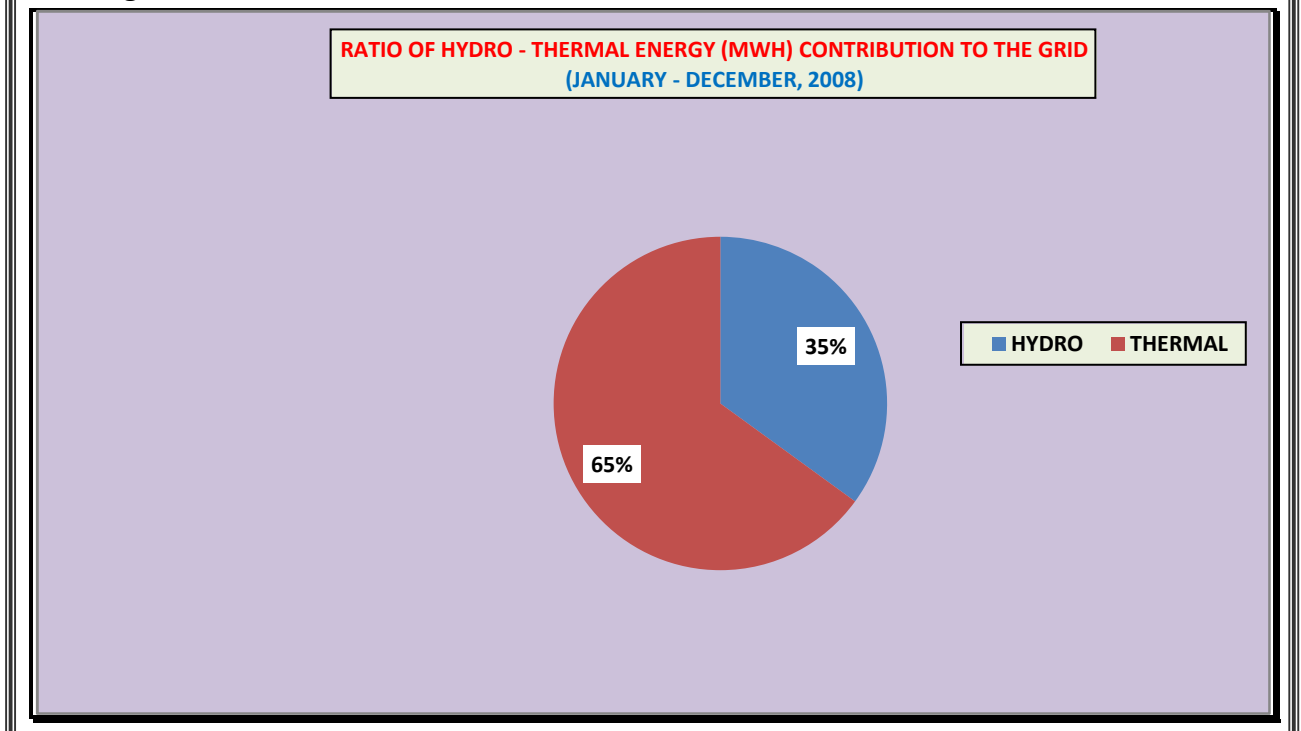


Fig. 1.4.2



1.5 Energy Consumed by the Generators

Table 1.5 Energy (Mwh) Consumed by the Generators

OWNERSHIP	TECHNOLOGY	GENERATOR	ENERGY GENERATED (MWH)	ENERGY SENT OUT (MWH)	ENERGY CONSUMED BY THE GENERATORS	CONSUMPTION AS % OF GENERATION
FEDERAL GOVERNMENT OF NIGERIA	THERMAL	AFAM	312,271.60	357,842.92	(45,571.32)	(14.59)
		DELTA	1,510,988.00	1,476,291.93	34,696.07	2.30
		EGBIN	4,528,451.09	4,610,755.90	(82,304.81)	(1.82)
		GEREGU	995,873.98	881,293.00	114,580.98	11.51
		SAPELE	728,977.00	716,616.00	12,361.00	1.70
		OMOTOSO	491,324.90	505,515.40	(14,190.50)	(2.89)
		OLORUNSOGO	381,586.28	395,487.56	(13,901.28)	(3.64)
	HYDRO	JEBBA	2,794,976.00	2,756,929.64	38,046.36	1.36
		KAINJI	2,707,020.00	2,668,862.67	38,157.33	1.41
		SHIRORO	2,089,460.00	1,913,856.70	175,603.30	8.40
INDEPENDENT POWER PRODUCERS	THERMAL	AES	1,846,704.40	1,674,955.60	171,748.80	9.30
		AGIP	2,708,690.80	2,688,376.40	20,314.40	0.75
		AFAM VI (SHELL)	142,338.78	154,752.36	(12,413.58)	(8.72)
		AJAOKUTA	28,026.00	7,904.00	20,122.00	71.80
		ELEME	-	-	-	-
		OMOKU	211,752.37	197,291.00	14,461.37	6.83
		T/AMADI	42,960.00	41,118.75	1,841.25	4.29
	HYDRO	NESCO	23,390.82	25,232.07	(1,841.25)	(7.87)
TOTAL			21,544,792.02	21,073,081.90	471,710.12	2.19

1.6 Energy Extracted from the Grid

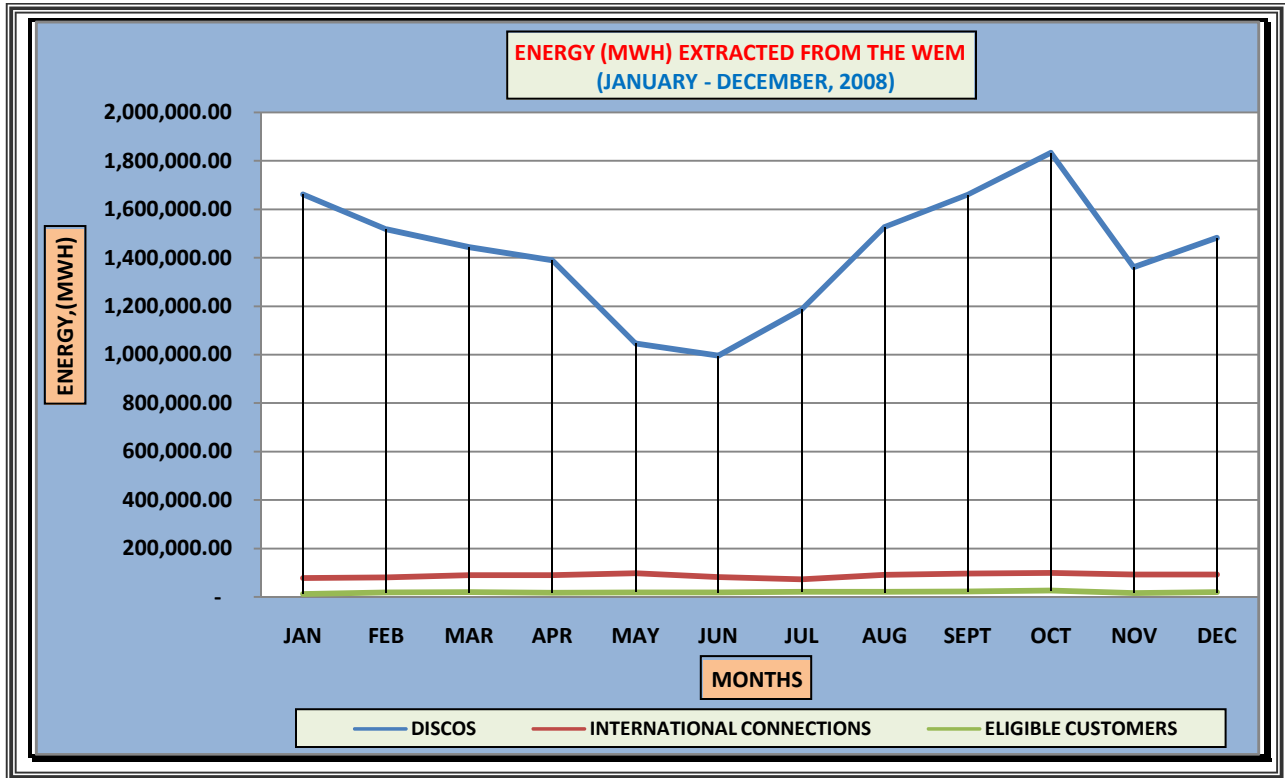
Table 1.6 Energy (Mwh) Extracted from the WEM

TYPE	DISCOS	JAN	FEB	MAR	APR	MAY	JUN	JUL
DISCOS	ABUJA	168,550.16	167,653.10	184,340.92	162,765.42	145,279.44	132,650.88	181,972.39
	BENIN	195,132.73	175,114.05	170,979.75	159,390.52	134,437.53	131,800.61	153,790.53
	EKO	177,265.07	155,798.45	144,152.18	124,496.89	89,270.84	90,159.89	110,529.30
	ENUGU	183,133.45	164,444.77	146,225.71	131,308.11	100,738.52	96,150.16	127,492.12
	IBADAN	199,089.26	181,599.02	179,944.48	195,849.83	146,689.76	138,531.42	151,863.89
	IKEJA	259,251.24	239,794.50	236,839.04	234,415.53	155,097.60	142,145.93	174,836.43
	JOS	85,273.75	77,319.34	63,082.25	68,289.21	49,404.71	48,208.42	44,493.50
	KADUNA	141,824.67	127,283.46	124,226.05	117,814.51	91,394.50	92,683.53	107,540.00
	KANO	113,789.48	100,231.01	88,966.73	91,837.42	59,272.46	57,655.73	58,881.23
	P/H	104,642.60	96,210.71	76,766.33	75,137.97	54,665.31	44,477.89	53,424.72
	YOLA	34,322.68	32,442.40	28,970.26	28,880.09	19,975.67	22,006.92	21,536.14
	SUB TOTAL	1,662,275.09	1,517,890.81	1,444,493.70	1,390,185.50	1,046,226.34	996,471.38	1,186,360.25
ELIGIBLE CUSTOMERS	CEB	55,044.00	54,951.00	48,666.00	46,223.00	52,633.00	42,434.00	35,423.00
	NIGELEC	22,646.50	26,392.22	41,434.20	44,194.30	45,075.00	39,906.60	37,320.40
	SUB TOTAL	77,690.50	81,343.22	90,100.20	90,417.30	97,708.00	82,340.60	72,743.40
	AJAOKUTA	2,436.00	5,993.00	6,818.00	6,198.00	6,265.00	5,216.00	5,227.00
	DELTA	8,779.20	12,081.60	11,673.60	10,752.00	11,568.00	13,248.00	14,956.80
	ITAKPE	396.00	469.20	434.40	289.20	274.80	190.80	91.20
	SUB TOTAL	11,611.20	18,543.80	18,926.00	17,239.20	18,107.80	18,654.80	20,275.00
TOTAL		1,751,576.79	1,617,777.83	1,553,519.90	1,497,842.00	1,162,042.14	1,097,466.78	1,279,378.65

Table 1.6(contd) Energy (Mwh) Extracted from the WEM

TYPE	DISCOS	AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE	%
DISCOS	ABUJA	183,735.34	189,480.51	201,085.46	171,666.12	173,148.88	2,062,328.62	171,860.72	11.21
	BENIN	177,665.16	177,651.44	184,719.69	187,837.79	205,527.10	2,054,046.90	171,170.58	11.16
	EKO	182,580.60	200,858.17	218,293.74	137,329.07	133,099.63	1,763,833.83	146,986.15	9.58
	ENUGU	172,147.56	171,085.41	200,916.09	150,939.69	172,174.62	1,816,756.21	151,396.35	9.87
	IBADAN	190,499.88	199,250.49	204,107.62	165,278.87	211,307.26	2,164,011.78	180,334.32	11.76
	IKEJA	229,040.11	263,246.64	310,748.66	201,070.47	202,226.05	2,648,712.20	220,726.02	14.39
	JOS	76,179.76	89,852.20	102,086.48	55,086.48	76,194.18	835,470.28	69,622.52	4.54
	KADUNA	111,366.72	127,431.55	139,080.34	116,317.53	120,463.40	1,417,426.26	118,118.86	7.70
	KANO	98,056.21	105,075.20	120,983.28	86,352.33	84,085.08	1,065,186.16	88,765.51	5.79
	P/H	71,039.05	90,220.24	99,110.75	64,421.41	78,108.95	908,225.93	75,685.49	4.94
	YOLA	35,638.27	46,958.71	53,212.44	25,161.17	26,028.05	375,132.80	31,261.07	2.04
	SUB TOTAL	1,527,948.66	1,661,110.56	1,834,344.55	1,361,460.93	1,482,363.20	17,111,130.97	1,425,927.58	92.98
ELIGIBLE CUSTOMERS	CEB	49,250.00	49,857.00	54,079.00	57,078.00	57,207.00	602,845.00	50,237.08	3.28
	NIGELEC	42,051.80	46,805.10	45,612.70	36,232.80	35,078.70	462,750.32	38,562.33	2.51
		91,301.80	96,662.10	99,691.70	93,310.80	92,285.70	1,065,595.32	88,799.61	5.79
	AJAOKUTA	5,658.00	3,831.00	5,857.00	1,171.00	6,060.00	60,730.00	5,060.83	0.33
	DELTA	14,635.20	18,580.80	19,582.80	14,414.40	12,628.80	163,171.20	13,597.60	0.89
	ITAKPE	88.80	108.00	135.60	166.80	116.40	2,761.20	230.10	0.02
	SUB TOTAL	20,382.00	22,519.80	25,845.40	15,752.20	18,805.20	226,662.40	18,888.53	1.23
TOTAL		1,639,632.46	1,780,292.46	1,959,881.65	1,470,523.93	1,593,454.10	18,403,388.69	1,533,615.72	100.00

Fig. 1.6



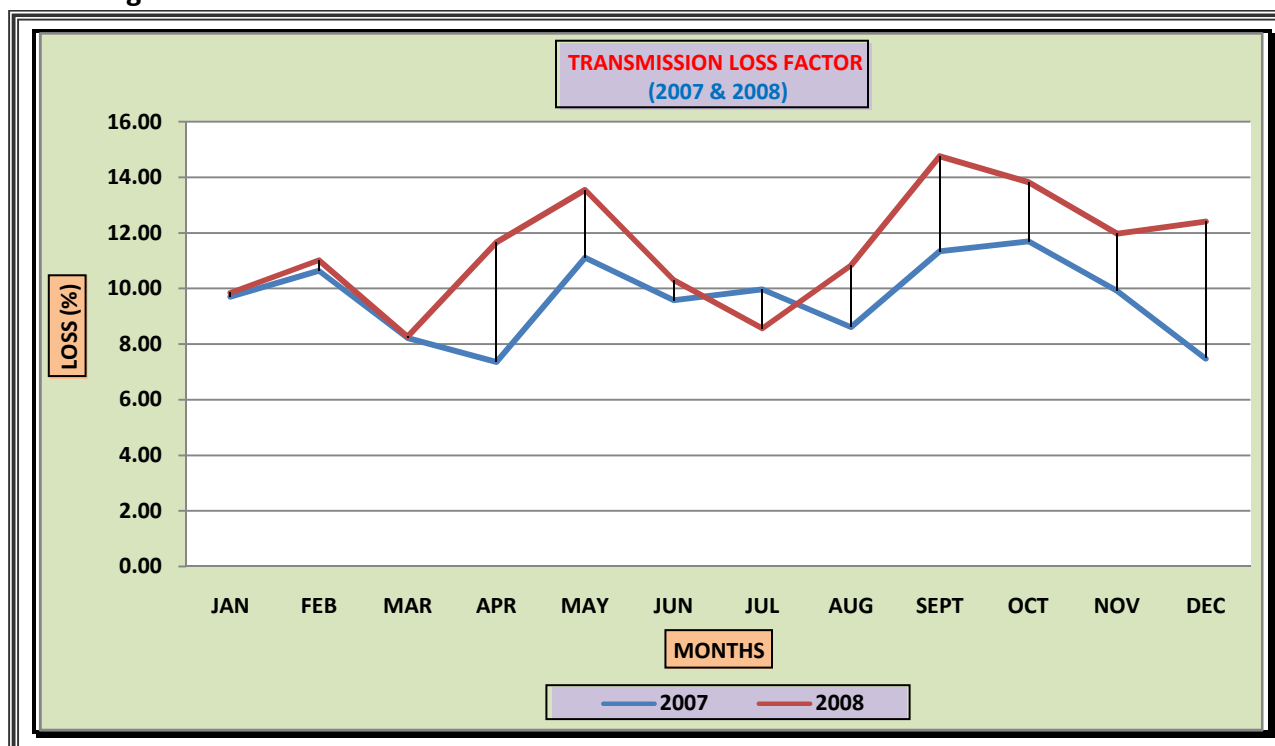
1.7 Comparison of Energy Transmitted and Energy Delivered

Table 1.7 Comparison of Energy Transmitted and Energy Delivered

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
ENERGY INJECTED (MWH)	1,942,989.18	1,818,051.10	1,693,606.04	1,695,765.92	1,344,208.14	1,223,585.07
ENERGY EXTRACTED (MWH)	1,751,576.79	1,617,777.83	1,553,519.90	1,497,842.00	1,162,042.14	1,097,466.78
LOSS (MWH)	191,412.39	200,272.37	140,086.14	197,923.92	182,166.00	126,118.29
LOSS (%)	9.85	11.02	8.27	11.67	13.55	10.31

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ENERGY INJECTED (MWH)	1,399,349.40	1,838,902.65	2,088,607.70	2,274,467.77	1,670,597.31	1,819,309.80	20,809,440.08
ENERGY EXTRACTED (MWH)	1,279,378.65	1,639,632.46	1,780,292.46	1,959,881.65	1,470,523.93	1,593,454.10	18,403,388.69
LOSS (MWH)	119,970.75	199,270.19	308,315.24	314,586.12	200,073.38	225,855.70	2,406,051.39
LOSS (%)	8.57	10.84	14.76	13.83	11.98	12.41	11.56%

Fig. 1.7



2.0 ADMINISTRATION OF MARKET SETTLEMENT (BILLING AND CHARGES)

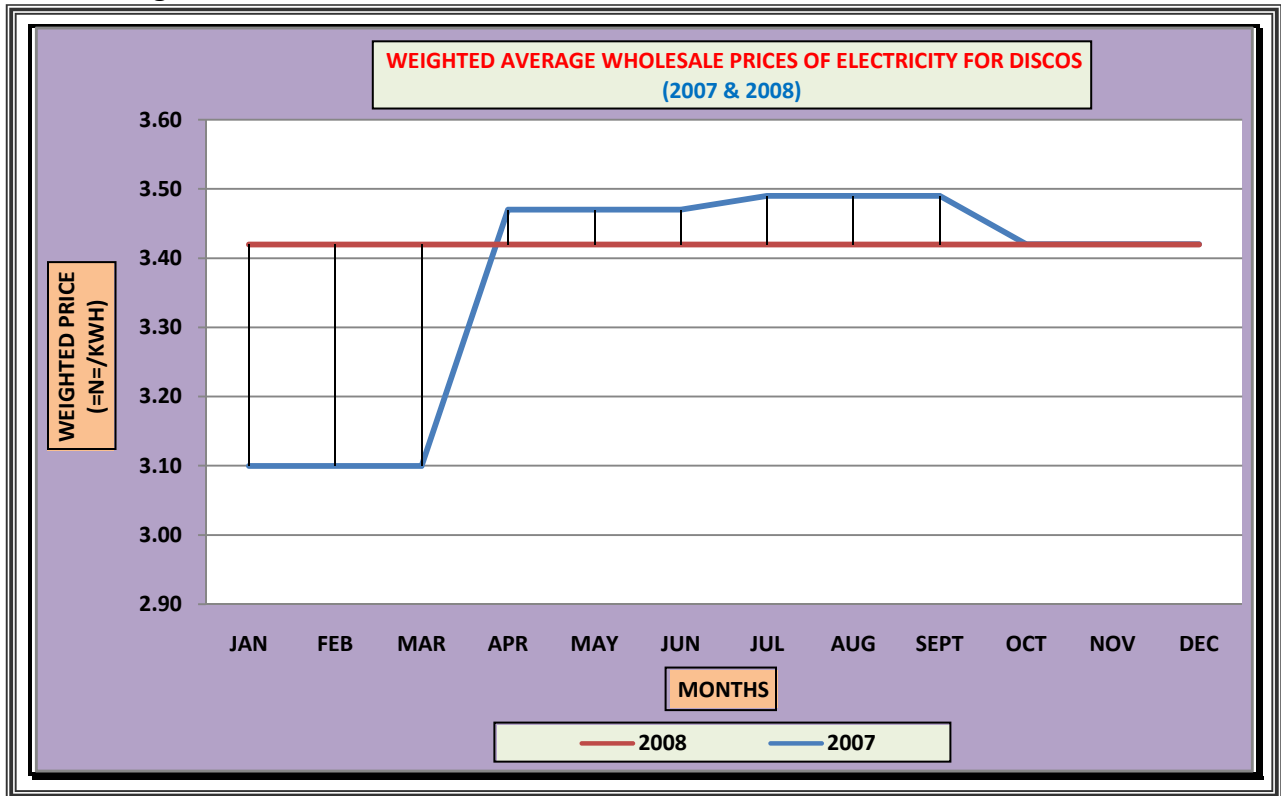
2.1 Electricity Prices for the Distribution Companies

Table 2.1 Wholesale Price of Electricity to DISCOS

DISCOS	JAN	FEB	MAR	APR	MAY	JUN
ABUJA	3.46	3.46	3.46	3.46	3.46	3.46
BENIN	3.05	3.05	3.05	3.05	3.05	3.05
EKO	4.50	4.50	4.50	4.50	4.50	4.50
ENUGU	2.31	2.31	2.31	2.31	2.31	2.31
IBADAN	3.00	3.00	3.00	3.00	3.00	3.00
IKEJA	4.14	4.14	4.14	4.14	4.14	4.14
JOS	3.02	3.02	3.02	3.02	3.02	3.02
KADUNA	2.99	2.99	2.99	2.99	2.99	2.99
KANO	3.99	3.99	3.99	3.99	3.99	3.99
P/H	3.06	3.06	3.06	3.06	3.06	3.06
YOLA	2.22	2.22	2.22	2.22	2.22	2.22
WEIGHTED AVERAGE CHARGES	3.42	3.42	3.42	3.42	3.42	3.42

DISCOS	JUL	AUG	SEPT	OCT	NOV	DEC	AVE
ABUJA	3.46	3.46	3.46	3.46	3.46	3.46	3.46
BENIN	3.05	3.05	3.05	3.05	3.05	3.05	3.05
EKO	4.50	4.50	4.50	4.50	4.50	4.50	4.50
ENUGU	2.31	2.31	2.31	2.31	2.31	2.31	2.31
IBADAN	3.00	3.00	3.00	3.00	3.00	3.00	3.00
IKEJA	4.14	4.14	4.14	4.14	4.14	4.14	4.14
JOS	3.02	3.02	3.02	3.02	3.02	3.02	3.02
KADUNA	2.99	2.99	2.99	2.99	2.99	2.99	2.99
KANO	3.99	3.99	3.99	3.99	3.99	3.99	3.99
P/H	3.06	3.06	3.06	3.06	3.06	3.06	3.06
YOLA	2.22	2.22	2.22	2.22	2.22	2.22	2.22
WEIGHTED AVERAGE CHARGES	3.42	3.42	3.42	3.42	3.42	3.42	3.42

Fig. 2.1



2.2 Sales at the Wholesale Market –DISCOS, International Connections and Special Customers

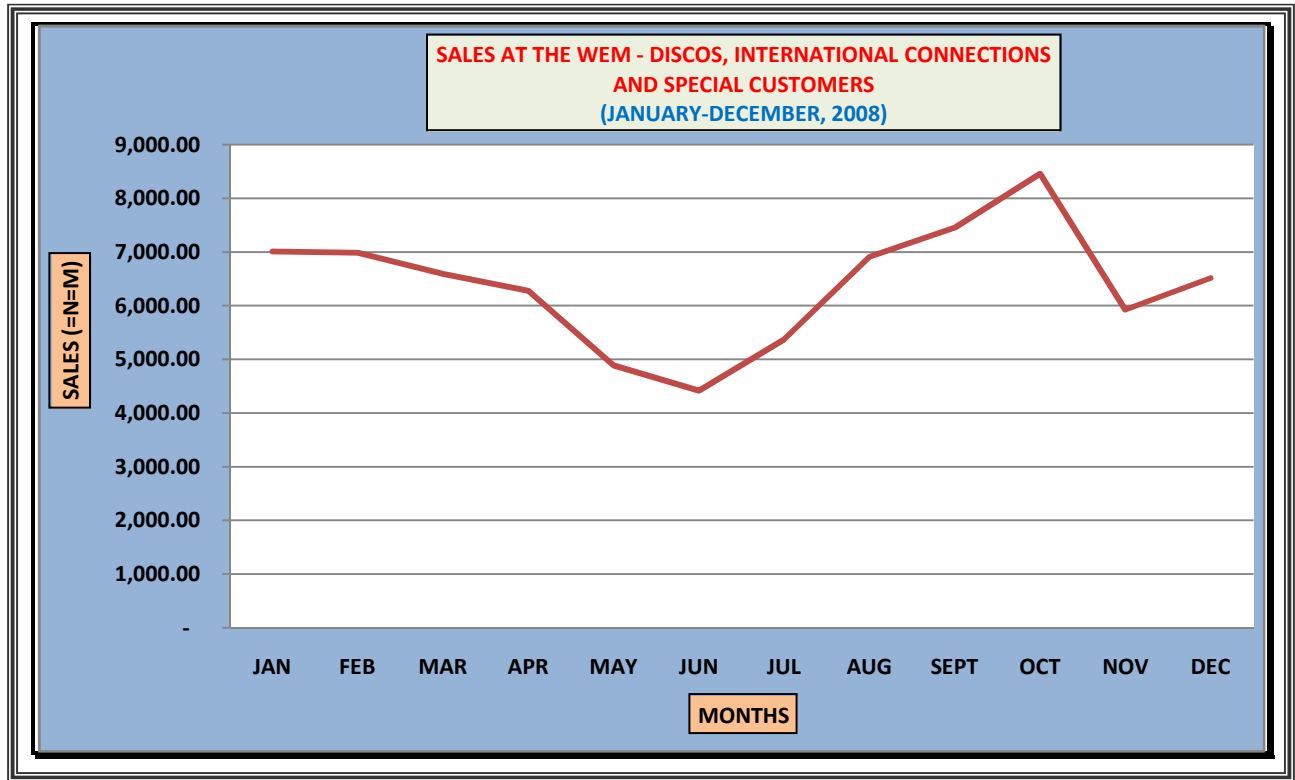
Table 2.2 Sales at the WEM –DISCOS, International Connections and Special Customers

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)
	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA EDC	683.43	719.66	756.50	684.91	602.38	530.02	765.59
BENIN EDC	688.98	672.57	626.23	592.53	495.31	463.69	572.57
EKO EDC	895.43	848.97	760.29	666.46	479.81	462.75	585.25
ENUGU EDC	522.16	519.95	436.67	399.23	304.19	272.32	383.41
IBADAN EDC	705.73	698.20	660.40	723.75	546.07	488.53	567.45
IKEJA EDC	1,224.01	1,203.16	1,152.78	1,143.84	765.22	675.81	856.77
JOS EDC	308.60	302.25	260.12	257.21	188.26	151.62	156.56
KADUNA EDC	487.56	475.42	442.70	423.31	329.20	317.27	390.81
KANO EDC	505.91	477.08	410.35	425.46	278.01	259.84	276.61
P/H EDC	375.17	370.78	283.96	281.09	203.79	159.32	201.21
YOLA EDC	101.24	106.17	88.58	90.95	64.35	64.22	68.74
SUB TOTAL	6,498.20	6,394.21	5,878.57	5,688.75	4,256.59	3,845.38	4,824.98
NIGELEC	99.51	121.344	262.64	167.74	169.20	153.49	144.65
CEB LOME	290.83	290.32	261.19	249.79	279.32	232.14	199.69
SUB TOTAL	390.33	402.66	523.83	417.53	448.51	385.63	344.34
AJAOKUTA	26.19	58.37	65.51	59.03	61.07	50.76	51.41
ITAKPE	4.11	4.97	4.56	2.92	2.80	2.29	1.16
DELTA STEEL	91.42	128.54	121.88	110.25	121.21	132.53	148.05
SUB TOTAL	121.73	191.88	191.95	172.20	185.07	185.57	200.62
TOTAL	7,010.26	6,988.75	6,594.35	6,278.48	4,890.17	4,416.59	5,369.94

Table 2.2(contd) Sales at the WEM - DISCOS, International Connections and Special Customers

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF SALES
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA EDC	771.50	778.13	842.10	677.69	719.68	8,531.58	11.11
BENIN EDC	665.00	648.72	690.82	652.77	758.99	7,528.18	9.80
EKO EDC	958.11	1,045.44	1,341.55	699.76	706.53	9,450.35	12.30
ENUGU EDC	518.47	502.48	601.97	422.16	510.32	5,393.31	7.02
IBADAN EDC	709.90	728.54	761.91	580.69	654.48	7,825.67	10.19
IKEJA EDC	1,124.04	1,263.46	1,518.80	953.22	995.41	12,876.52	16.76
JOS EDC	288.94	330.14	384.65	250.94	286.47	3,165.75	4.12
KADUNA EDC	408.47	453.29	504.95	396.82	437.75	5,067.54	6.60
KANO EDC	456.48	480.62	563.44	384.39	391.78	4,909.97	6.39
P/H EDC	267.58	412.75	368.35	227.97	288.64	3,440.61	4.48
YOLA EDC	111.87	143.09	165.95	73.15	81.71	1,160.02	1.51
SUB TOTAL	6,280.35	6,786.68	7,744.49	5,319.56	5,831.76	69,349.51	90.28
NIGELEC	161.35	176.25	171.65	144.48	154.01	1,917.29	2.50
CEB LOME	263.46	266.26	285.77	299.75	338.02	3,256.54	4.24
SUB TOTAL	424.81	442.51	457.42	444.22	492.03	5,173.82	6.74
AJAOKUTA	55.56	38.87	60.35	15.51	63.29	604.92	0.79
ITAKPE	1.14	1.31	1.45	1.83	1.83	30.36	0.04
DELTA STEEL	148.86	182.71	196.24	145.93	126.19	1,653.81	2.05
SUB TOTAL	205.55	222.88	258.04	163.28	190.32	2,289.09	2.98
TOTAL	6,910.71	7,452.07	8,459.95	5,927.06	6,514.11	76,812.43	100.00

Fig. 2.2



2.3 Sales at the Wholesale Market - GENCOS

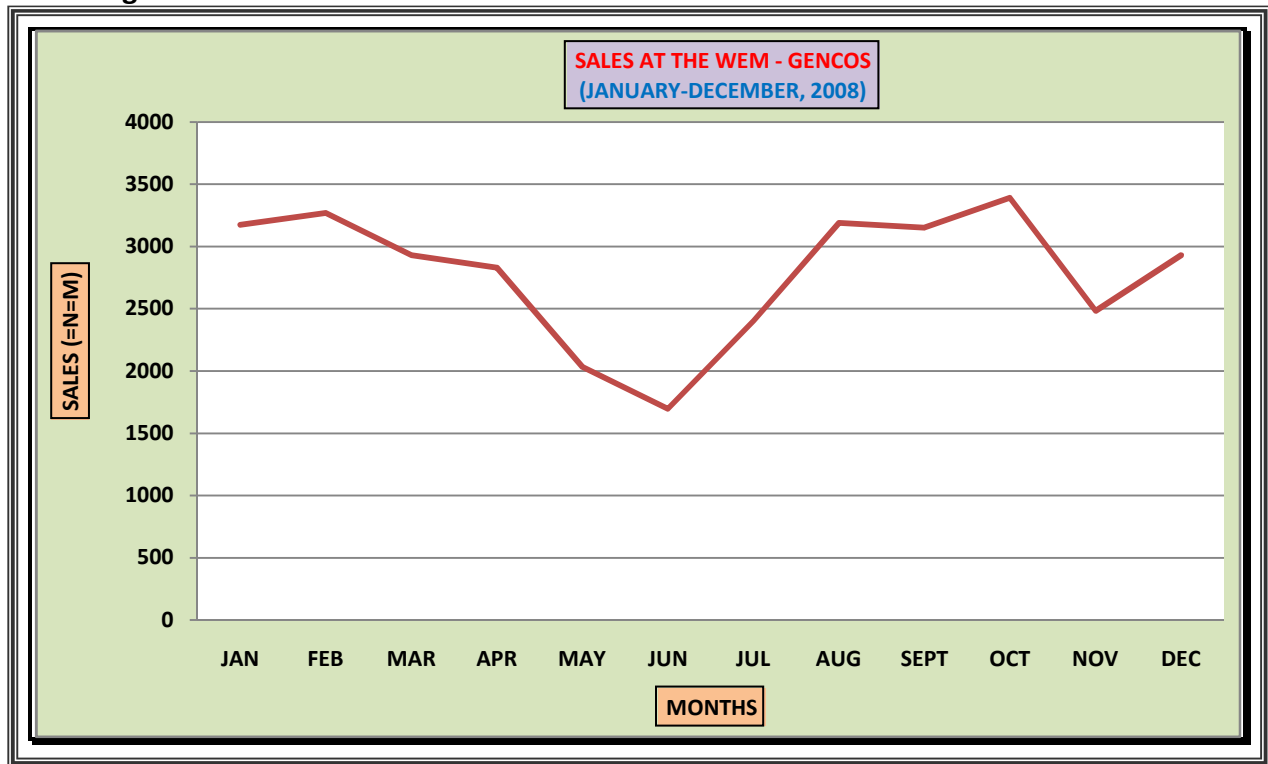
Table 2.3 Sales at the WEM – GENCOS

GENERATORS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)
	JAN	FEB	MAR	APR	MAY	JUN	JUL
AFAM	102.11	98.98	54.02	61.23	51.50	36.22	31.38
DELTA	142.10	116.70	103.72	106.91	66.54	96.58	157.41
EGBIN	312.82	241.82	169.11	369.05	339.21	354.90	324.09
SAPELE	83.76	165.53	164.39	86.94	64.07	101.46	146.54
JEBBA	197.45	154.55	163.79	155.34	127.12	97.81	83.10
KAINJI	218.48	208.76	216.70	192.43	141.67	89.09	68.75
SHIRORO	101.57	100.57	109.35	57.43	74.04	65.23	67.86
GEREGU	142.36	101.02	213.61	114.65	95.50	95.50	57.64
OMOTOSO	44.22	77.14	44.15	49.96	36.85	35.46	45.63
OLORUNSOGO	-	15.75	10.90	34.29	25.30	17.21	32.76
SUB TOTAL	1,344.87	1,280.82	1,249.75	1,228.23	1,021.80	989.46	1,015.16
AGIP	1,250.22	1,499.91	1,336.68	1,178.13	788.48	369.50	863.86
AES	575.56	485.94	339.60	422.68	220.67	334.70	519.78
NESCO	4.45	3.33	3.71	2.01	1.94	2.68	4.87
SUB TOTAL	1,830.24	1,989.18	1,679.99	1,602.82	1,011.09	706.88	1,388.51
TOTAL	3,175.11	3,270.00	2,929.73	2,831.04	2,032.88	1,696.34	2,403.67

Table 2.3(contd) Sales at the WEM – GENCOS

GENERATORS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF SALES
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
AFAM	97.78	-	20.37	46.52	-	600.12	1.79
DELTA	109.86	82.46	67.67	73.39	83.80	1,207.15	3.61
EGBIN	420.53	454.68	570.05	345.21	389.52	4,290.99	12.82
SAPELE	193.28	52.40	144.39	31.05	-	1,233.81	3.68
JEBBA	219.62	255.07	283.06	183.29	186.33	2,106.54	6.29
KAINJI	115.62	171.80	191.65	194.69	215.01	2,024.64	6.05
SHIRORO	99.96	260.44	188.79	128.52	127.78	1,381.53	4.13
GEREGU	67.37	51.14	66.89	64.84	58.53	1,129.04	3.37
OMOTOSO	61.32	59.88	61.31	48.20	49.92	614.05	1.83
OLORUNSOGO	59.72	75.12	46.80	90.76	22.85	431.46	1.29
SUB TOTAL	1,445.06	1,463.00	1,640.99	1,206.47	1,133.73	15,019.34	44.86
AGIP	1,181.31	1,168.81	1,176.77	762.79	1,375.69	12,952.15	38.68
AES	560.29	514.14	567.71	509.92	417.88	5,468.88	16.33
NESCO	3.82	4.13	4.71	4.71	1.99	42.32	0.13
SUB TOTAL	1,745.42	1,687.07	1,749.18	1,277.42	1,795.56	18,463.35	55.14
TOTAL	3,190.48	3,150.07	3,390.17	2,483.89	2,929.30	33,482.69	100.00

Fig. 2.3



2.4 PHCN/Special Customers Energy Generation Reconciliation

2.4.1 PHCN/Ajaokuta and NIOMCO Itakpe Energy Generation Reconciliation

Table 2.4.1 PHCN/Ajaokuta and NIOMCO Itakpe Energy Generation Reconciliation

MONTHS	ENERGY DELIVERED TO AJAOKUTA AND NIOMCO ITAKPE BY PHCN (KWH)	ENERGY SUPPLIED TO PHCN BY AJAOKUTA (KWH)	NET ENERGY SUPPLIED TO AJAOKUTA AND NIOMCO ITAKPE (KWH)
RECONCILIATION AS AT MARCH, 2008			9,513,600.00
APR	6,487,200.00	-	6,487,200.00
MAY	6,539,800.00	-	6,539,800.00
JUN	5,406,800.00	-	5,406,800.00
JULY	5,318,200.00	-	5,318,200.00
AUGUST	5,746,800.00	1,010,000.00	4,736,800.00
SEPTEMBER	3,939,000.00	-	3,939,000.00
OCTOBER	5,992,600.00	1,215,000.00	4,777,600.00
NOVEMBER	1,337,800.00	2,856,000.00	-1,518,200.00
DECEMBER	6,176,400.00	-	6,176,400.00
TOTAL	46,944,600.00	5,081,000.00	51,377,200.00

2.4.2 PHCN/Delta Steel Company Energy Generation Reconciliation

Table 2.4.2 PHCN/DELTA Steel Company Energy Generation Reconciliation

MONTHS	ENERGY DELIVERED TO DELTA STEEL BY PHCN (KWH)	NET ENERGY SUPPLIED TO DELTA STEEL COMPANY (KWH)
RECONCILIATION AS AT MARCH, 2008		67,172,600.00
APR	10,752,000.00	10,752,000.00
MAY	11,568,000.00	11,568,000.00
JUN	13,248,000.00	13,248,000.00
JULY	14,956,800.00	14,956,800.00
AUGUST	14,635,200.00	14,635,200.00
SEPTEMBER	18,580,800.00	18,580,800.00
OCTOBER	19,852,800.00	19,852,800.00
NOVEMBER	14,414,400.00	14,414,400.00
DECEMBER	12,628,800.00	12,628,800.00
TOTAL	130,636,800.00	197,809,400.00

2.5 Energy Billed (Kwh)

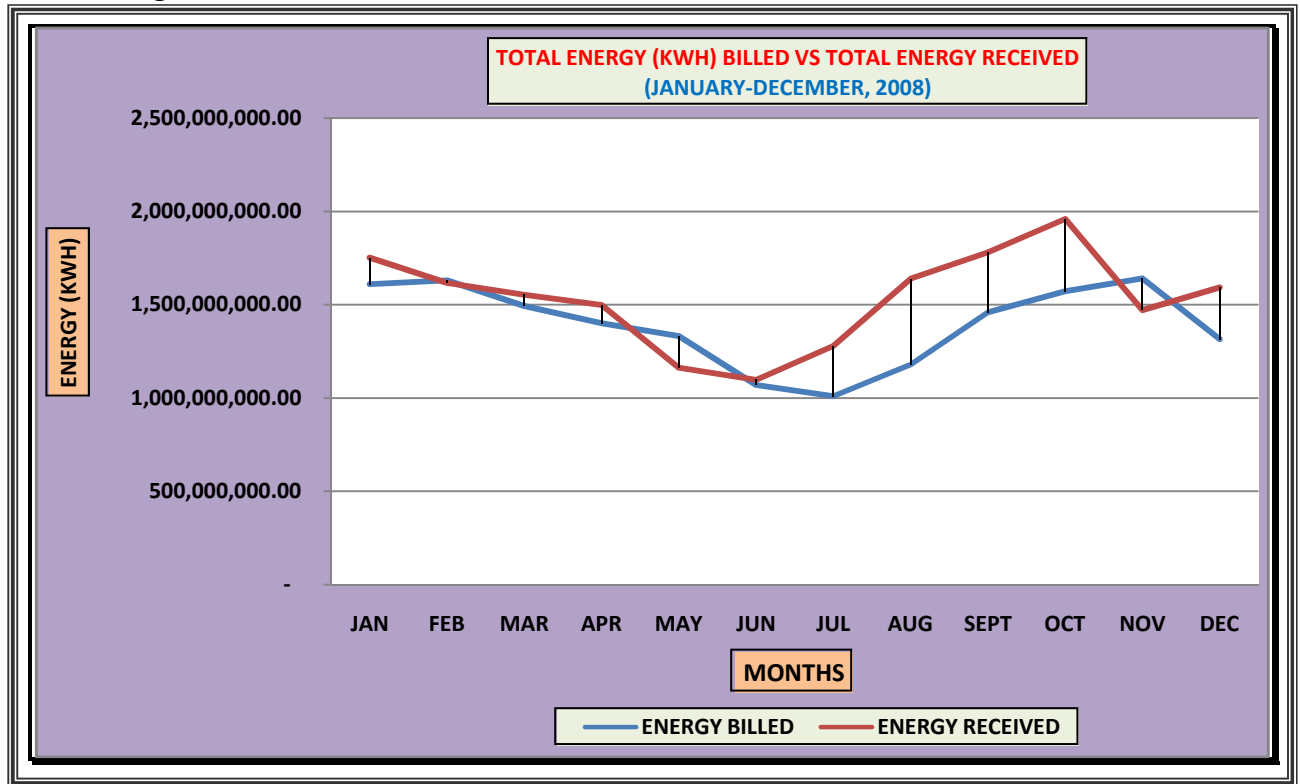
Table 2.5 Energy Billed (Kwh) by the DISCOS, and billed to the International Connections and the Special Customers

ZONE	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA	132,474,876.88	156,165,094.00	162,864,823.00	126,254,064.00	126,078,159.89	120,375,334.00	108,409,179.00
BENIN	179,279,617.38	181,058,767.06	161,987,931.43	154,717,639.01	134,627,266.08	120,106,313.00	117,741,137.93
EKO	193,396,117.00	173,107,214.00	152,436,685.00	141,226,381.00	125,011,715.00	85,988,627.00	87,627,619.00
ENUGU	176,296,621.82	181,386,805.58	132,456,123.90	139,548,405.78	122,137,320.41	95,000,301.56	98,942,698.57
IBADAN	195,469,854.00	187,347,740.00	173,386,695.00	172,484,219.00	179,784,022.00	139,845,944.00	127,736,126.00
IKEJA	226,098,635.71	228,538,393.71	226,056,493.26	214,448,299.38	215,300,282.15	157,134,824.23	130,788,458.57
JOS	74,721,641.00	65,063,427.00	57,480,260.00	57,706,059.00	44,470,993.00	40,984,231.00	43,594,541.00
KADUNA	100,025,442.00	102,231,703.00	92,207,076.00	104,112,814.00	96,091,162.00	83,547,148.00	77,775,867.00
KANO	93,965,397.80	108,317,055.10	91,377,718.00	71,495,809.60	69,229,984.90	52,082,694.60	51,104,119.90
P-H	117,792,158.00	114,464,008.00	102,560,170.00	82,600,736.00	77,971,761.00	55,520,935.00	53,166,691.00
YOLA	31,151,117.40	33,116,582.60	31,448,841.10	27,658,351.00	25,884,686.70	18,825,456.80	20,147,394.00
SUB TOTAL	1,520,671,478.99	1,530,796,790.05	1,384,262,816.69	1,292,252,777.77	1,216,587,353.13	969,411,809.19	917,033,831.97
CEB	55,044,000.00	54,951,000.00	48,666,000.00	46,223,000.00	52,633,000.00	42,434,000.00	35,423,000.00
NIGELEC	22,646,500.00	26,392,220.00	41,434,200.00	44,194,300.00	45,075,000.00	39,906,600.00	37,320,400.00
SUB TOTAL	77,690,500.00	81,343,220.00	90,100,200.00	90,417,300.00	97,708,000.00	82,340,600.00	72,743,400.00
AJAOKUTA	2,436,000.00	5,993,000.00	6,818,000.00	6,198,000.00	6,265,000.00	5,216,000.00	5,227,000.00
DELTA STEEL	8,779,200.00	12,081,600.00	11,673,600.00	10,752,000.00	11,568,000.00	13,248,000.00	14,956,800.00
ITAKPE	396,000.00	469,200.00	434,400.00	289,200.00	274,800.00	190,800.00	91,200.00
SUB TOTAL	11,611,200.00	18,543,800.00	18,926,000.00	17,239,200.00	18,107,800.00	18,654,800.00	20,275,000.00
GRAND TOTAL	1,609,973,178.90	1,630,683,810.05	1,493,289,016.69	1,399,909,277.77	1,332,403,153.13	1,70,407,209.19	1,010,052,231.97

Table 2.5(contd) Energy Billed (Kwh) by the DISCOS, and billed to the International Connections and the Special Customers

ZONE	AUG	SEPT	OCT	NOV	DEC	TOTAL ENERGY BILLED	AVE. ENERGY BILLED
ABUJA	122,755,327.00	126,363,798.00	115,588,194.00	111,436,194.50	107,420,504.50	1,516,185,548.77	126,348,795.73
BENIN	132,269,025.86	152,747,284.31	154,227,888.09	159,589,473.17	154,009,765.39	1,802,362,108.71	150,196,842.39
EKO	105,810,525.00	176,389,569.00	191,852,269.00	210,872,196.00	122,509,860.00	1,766,228,777.00	147,185,731.42
ENUGU	118,292,556.00	149,672,763.00	170,146,781.70	193,154,998.30	130,719,057.40	1,707,754,434.02	142,312,869.50
IBADAN	142,901,271.00	184,844,660.00	208,849,698.00	180,733,100.00	152,982,978.00	2,046,366,307.00	170,530,525.58
IKEJA	163,417,866.68	207,126,514.58	241,981,296.28	272,617,797.16	191,681,531.27	2,475,190,392.98	206,265,866.08
JOS	61,804,306.00	71,848,693.00	79,708,872.00	60,236,913.00	63,885,938.00	721,505,874.00	60,125,489.50
KADUNA	86,718,992.00	85,590,848.00	78,696,288.00	96,844,546.00	105,540,710.00	1,109,382,596.00	92,448,549.67
KANO	47,324,293.70	75,861,354.10	73,945,661.40	103,336,117.00	70,771,597.00	908,811,803.10	75,734,316.93
P-H	65,436,668.00	75,164,961.00	88,454,535.00	94,849,377.00	81,113,276.20	1,009,095,276.20	84,091,273.02
YOLA	21,115,468.00	33,670,006.80	43,361,810.70	47,826,025.00	22,592,678.30	356,798,418.40	29,733,201.53
SUB TOTAL	1,067,846,299.24	1,339,280,451.79	1,446,813,294.17	1,531,496,737.13	1,203,227,896.06	15,419,681,536.18	1,284,973,461.35
CEB	49,250,000.00	49,857,000.00	54,079,000.00	57,078,000.00	57,207,000.00	602,845,000.00	50,237,083.00
NIGELEC	42,051,800.00	46,805,100.00	45,612,700.00	36,232,800.00	35,078,700.00	462,750,320.00	38,562,526.67
SUB TOTAL	91,301,800.00	96,662,100.00	99,691,700.00	93,310,800.00	92,285,700.00	1,065,595,320.00	88,799,610.00
AJAKUTA	5,658,000.00	3,831,000.00	5,857,000.00	1,171,000.00	6,060,000.00	60,730,000.00	5,060,833.33
DELTA STEEL	14,635,200.00	18,580,800.00	19,852,800.00	14,414,400.00	12,628,800.00	163,171,200.00	13,597,600.00
ITAKPE	88,800.00	108,000.00	135,600.00	166,800.00	116,400.00	2,761,200.00	230,100.00
SUB TOTAL	20,382,000.00	22,519,800.00	25,845,400.00	15,752,200.00	18,805,200.00	226,662,400.00	18,888,533.33
GRAND TOTAL	1,179,530,099.24	1,458,462,351.79	1,572,350,394.17	1,640,559,737.13	1,314,318,796.06	16,711,939,256.18	1,392,661,604.68

Fig. 2.5



2.6 Revenue Billed

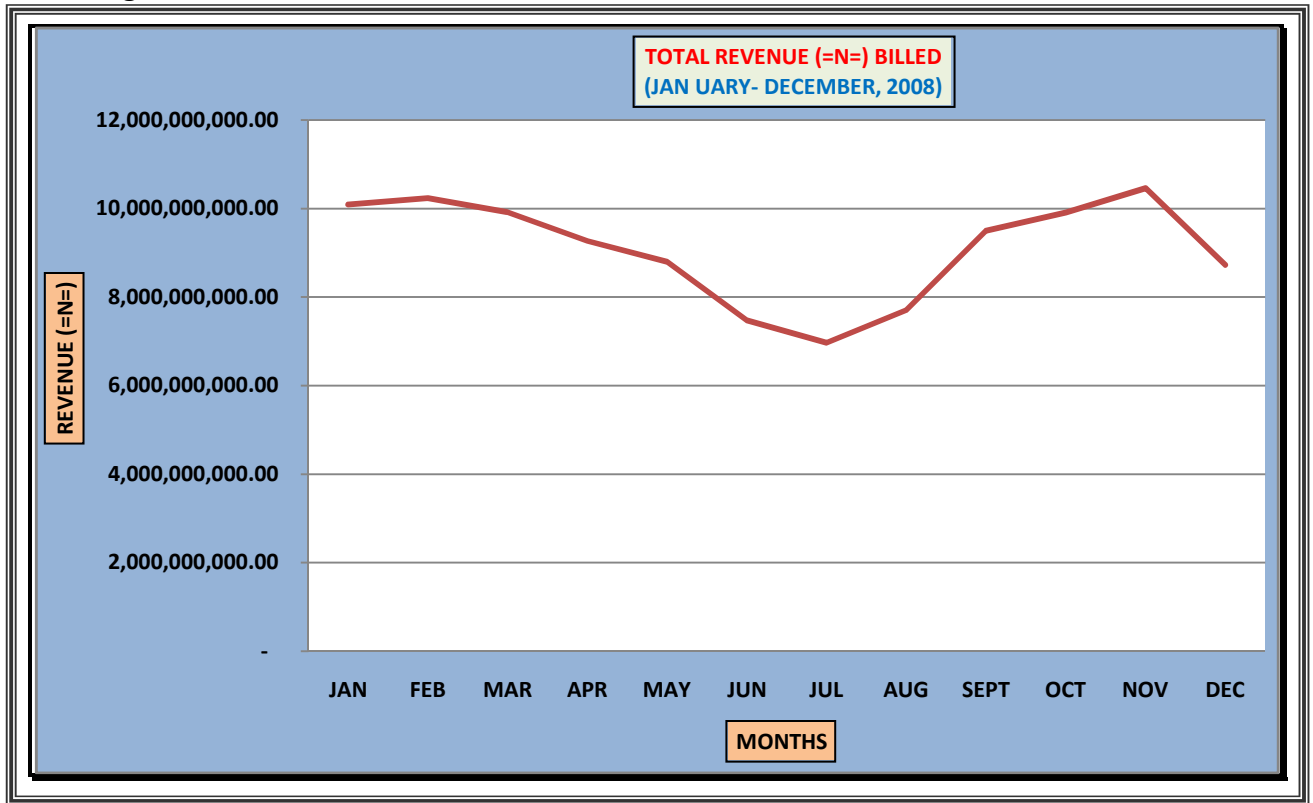
Table 2.6 Revenue Billed (=N=) by the DISCOS, and billed to the International Connections and the Special Customers

ZONE	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA	761,693,009.49	938,443,181.06	817,019,181.70	896,286,421.12	858,849,108.01	787,166,428.48	763,300,507.57
BENIN	1,016,167,931.70	1,018,865,715.03	916,240,594.34	888,653,263.64	780,525,033.28	701,900,411.91	724,828,760.58
EKO	1,354,466,787.00	1,231,327,583.00	1,136,979,138.00	1,080,996,398.00	976,400,133.00	740,887,051.00	728,795,891.00
ENUGU	984,210,732.96	1,002,407,575.94	1,127,870,391.99	856,010,406.39	694,239,205.74	609,364,563.26	674,191,440.21
IBADAN	1,291,853,896.85	1,260,813,500.85	1,171,979,037.48	1,159,859,699.06	1,238,388,166.34	1,013,318,350.78	791,518,845.87
IKEJA	1,661,225,983.22	1,669,236,299.59	1,659,954,788.43	1,613,540,208.72	1,595,851,030.61	1,249,010,587.94	1,065,120,616.88
JOS	419,618,823.79	374,916,565.02	336,360,049.67	356,137,791.27	261,867,027.89	235,223,532.70	239,956,195.70
KADUNA	603,682,159.88	587,982,106.66	596,193,087.61	621,950,169.96	583,722,810.03	562,116,743.30	535,684,127.85
KANO	575,307,891.75	656,715,818.51	586,374,596.22	492,645,788.95	478,516,563.87	413,403,111.42	367,030,228.82
P-H	680,811,373.00	654,844,170.34	620,866,877.68	509,953,539.73	499,749,622.03	424,520,444.97	364,134,198.25
YOLA	228,922,630.16	241,159,025.19	228,270,494.58	203,244,246.83	197,037,010.91	164,118,984.49	167,155,035.03
SUB TOTAL	9,577,961,219.80	9,636,711,541.19	9,198,108,237.70	8,679,277,933.67	8,165,145,711.71	6,901,030,210.25	6,421,715,847.76
CEB	290,826,879.83	290,322,086.80	261,190,064.50	249,788,297.70	279,315,188.22	232,138,835.81	199,689,639.09
NIGEELEC	99,505,299.36	112,337,572.02	262,641,799.62	167,737,227.90	169,195,964.44	153,494,293.77	144,647,033.73
SUB TOTAL	390,332,179.19	402,659,658.82	523,831,864.12	417,525,525.60	448,511,152.66	385,633,129.58	344,336,642.82
AJAKUTA	26,191,158.00	58,366,035.00	65,511,999.00	59,025,372.00	61,070,331.00	50,755,446.00	51,414,951.00
DELTA STEEL	91,420,350.00	128,541,750.00	121,879,590.00	110,252,310.00	121,209,270.00	132,529,110.00	148,052,310.00
ITAKPE	4,114,950.00	4,972,380.00	4,559,730.00	2,923,620.00	2,795,100.00	2,285,850.00	1,156,470.00
SUB TOTAL	121,726,458.00	191,880,165.00	191,951,319.00	172,201,302.00	185,074,701.00	185,570,406.00	200,623,731.00
GRAND TOTAL	10,090,019,856.99	10,231,251,365.01	9,913,891,420.82	9,269,004,761.27	8,798,731,565.37	7,472,233,745.83	6,966,676,221.58

Table 2.6(contd) Revenue Billed (=N=) by the DISCOS, and billed to the International Connections and the Special Customers

ZONE	AUG	SEPT	OCT	NOV	DEC	TOTAL REVENUE BILLED	AVE REVENUE BILLED
ABUJA	693,493,578.03	900,255,525.18	889,780,306.42	884,171,488.29	842,163,270.17	10,032,622,005.52	836,051,833.79
BENIN	777,359,683.66	857,819,722.15	878,319,394.80	894,366,935.00	871,641,308.70	10,326,688,754.79	860,557,396.23
EKO	819,521,234.00	1,283,580,534.00	1,364,431,640.00	1,502,147,701.00	965,164,460.00	13,184,698,550.00	1,098,724,879.17
ENUGU	805,061,051.14	930,069,790.19	857,618,799.29	965,151,118.36	707,689,351.97	10,213,884,427.44	851,157,035.62
IBADAN	827,666,099.85	1,054,214,217.91	1,122,329,041.97	1,088,017,256.15	943,840,088.02	12,963,798,201.13	1,080,316,516.76
IKEJA	1,280,067,746.79	1,556,910,469.79	1,758,975,103.51	1,947,192,670.78	1,477,841,440.23	18,534,926,946.49	1,544,577,245.54
JOS	334,329,624.47	390,606,311.46	424,661,985.56	327,179,270.21	346,503,918.62	4,047,361,096.36	337,280,091.36
KADUNA	587,011,679.40	648,408,801.34	568,566,987.70	589,877,726.11	650,153,274.52	7,135,349,674.36	594,612,472.86
KANO	345,157,639.40	498,473,441.40	492,778,219.34	737,722,856.94	544,380,439.31	6,188,506,595.93	515,708,882.99
P-H	436,356,471.20	467,950,774.65	543,212,780.63	603,561,470.53	509,855,341.71	6,315,817,064.72	526,318,088.73
YOLA	169,724,043.05	240,220,240.85	295,268,347.79	311,478,576.45	180,649,996.78	2,627,248,632.11	218,937,386.01
SUB TOTAL	7,075,748,850.99	8,828,509,828.93	9,195,942,607.01	9,850,867,069.82	8,039,882,890.03	101,570,901,948.85	8,464,241,829.07
CEB	263,460,684.56	266,262,437.28	285,774,735.53	299,747,103.18	338,020,987.5	3,256,536,940.00	271,378,078.33
NIGELEC	161,345,848.80	176,249,793.20	171,645,478.19	144,475,969.82	154,010,718.75	1,917,286,999.60	159,773,914.13
SUB TOTAL	424,806,533.36	442,512,230.48	457,420,213.72	444,223,073.00	492,031,706.25	5,173,823,909.60	431,151,992.47
AJAKUTA	55,561,569.00	38,868,616.50	60,345,579.00	15,511,125.00	62,300,238.00	604,922,419.50	50,410,201.63
DELTA STEEL	148,856,190.00	182,709,870.00	196,239,750.00	145,932,990.00	126,186,270.00	1,653,005,880.00	137,750,490.00
ITAKPE	1,135,050.00	1,306,410.00	1,450,680.00	1,831,200.00	1,831,380.00	30,362,820.00	2,530,235.00
SUB TOTAL	205,552,809.00	222,884,896.50	258,036,009.00	163,275,315.00	190,317,888.00	2,289,094,999.50	190,757,916.63
GRAND TOTAL	7,706,108,193.55	9,493,906,955.90	9,911,398,829.73	10,458,365,457.82	8,722,232,484.28	109,033,820,857.95	9,086,151,738.16

Fig. 2.6



3 REVENUE COLLECTION

3.1 Total Industry Revenue

Table 3.1 Revenue Collected at the REM by the DISCOS, from International Connections and from Special Customers

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)
	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA	835.29	835.17	1,003.75	837.48	806.15	1,023.13	870.69
BENIN	720.89	664.78	715.51	629.84	615.94	627.31	639.09
EKO	1,148.22	1,039.19	1,035.50	862.42	726.13	725.83	852.90
ENUGU	875.53	753.08	748.58	623.54	551.35	575.34	638.09
IBADAN	948.74	989.12	999.33	955.40	813.69	817.97	814.51
IKEJA	1,387.64	1,454.81	1,370.75	1,221.96	1,078.69	1,006.63	1,147.37
JOS	363.28	340.77	349.68	324.40	269.94	248.93	269.46
KADUNA	391.13	370.78	359.43	377.40	357.10	364.11	355.50
KANO	358.71	355.55	403.07	354.12	322.69	277.41	286.20
P/H	397.74	337.30	355.03	292.13	256.01	252.64	272.44
YOLA	148.95	105.83	145.18	148.53	100.12	116.18	120.76
SUB TOTAL	7,576.12	7,246.39	7,485.80	6,627.23	5,897.81	6,035.49	6,267.02
NIGELEC	94.50	262.64	94.50	-	157.47	176.80	-
CEB	301.51	290.62	266.01	290.30	272.63	234.60	279.41
SUB TOTAL	396.01	553.26	360.51	290.30	430.10	411.41	279.41
AJAKUTA	-	-	-	-	-	-	-
ITAKPE	-	-	-	-	-	-	-
DELTA STEEL	-	-	-	-	-	110.00	50.00
SUB TOTAL	-	-	-	-	-	110.00	50.00
LAGOS STATE	225.00	225.00	225.00	225.00	225.00	225.00	225.00
TOTAL	8,197.12	8,024.66	7,976.81	7,142.53	6,552.91	6,781.90	6,821.43

Table 3.1(contd) Revenue Collected at the REM by the DISCOS, from International Connections and from Special Customers

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF REVENUE
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA	867.57	971.35	850.50	866.81	867.48	10,635.38	11.58
BENIN	647.74	747.56	686.28	800.44	769.61	8,264.98	9.00
EKO	1,153.10	1,263.66	1,225.68	970.92	980.32	11,983.86	13.05
ENUGU	702.11	782.27	735.72	697.60	789.74	8,472.96	9.23
IBADAN	950.37	1,005.11	905.61	1,004.25	894.22	11,098.31	12.09
IKEJA	1,238.78	1,585.86	1,444.54	1,348.01	1,259.81	15,544.86	16.93
JOS	320.34	376.96	328.88	381.36	331.07	3,905.07	4.25
KADUNA	361.33	407.29	406.02	461.36	455.11	4,666.55	5.08
KANO	334.14	420.15	372.83	365.88	351.15	4,201.91	4.58
P/H	345.98	327.09	304.65	435.78	328.08	3,904.87	4.25
YOLA	125.70	184.90	105.68	123.36	117.43	1,542.62	1.68
SUB TOTAL	7,047.16	8,072.21	7,366.38	7,455.76	7,144.01	84,221.37	91.72
NIGELEC	-	-	263.24	-	606.24	1,655.40	1.80
CEB	199.88	-	267.26	343.21	-	2,745.43	2.99
SUB TOTAL	199.88	-	530.51	343.21	606.24	4,400.83	4.79
AJAKUTA	-	-	-	-	-	-	-
ITAKPE	-	-	-	-	-	-	-
DELTA STEEL	95.51	21.21	-	-	225.00	501.72	0.55
SUB TOTAL	95.51	21.21	-	-	225.00	501.72	0.55
LAGOS STATE	-	450.00	225.00	225.00	225.00	2,700.00	2.94
TOTAL	7,342.54	8,543.42	8,121.89	8,023.97	8,200.25	91,823.92	100.00

3.2 Revenue Collected at the Retail Electricity Market

Table 3.2 Revenue Collected at the REM -DISCOS

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)
	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA	835.29	835.17	1,003.75	837.48	806.15	1,023.13	870.69
BENIN	720.89	664.78	715.51	629.84	615.94	627.31	639.09
EKO	1,148.22	1,039.19	1,035.50	862.42	726.13	725.83	852.90
ENUGU	875.53	753.08	748.58	623.54	551.35	575.34	638.09
IBADAN	948.74	989.12	999.33	955.40	813.69	817.97	814.51
IKEJA	1,387.64	1,454.81	1,370.75	1,221.96	1,078.69	1,006.63	1,147.37
JOS	363.28	340.77	349.68	324.40	269.94	248.93	269.46
KADUNA	391.13	370.78	359.43	377.40	357.10	364.11	355.50
KANO	358.71	355.55	403.07	354.12	322.69	277.41	286.20
P/H	397.74	337.30	355.03	292.13	256.01	252.64	272.44
YOLA	148.95	105.83	145.18	148.53	100.12	116.18	120.76
TOTAL	7,576.12	7,246.39	7,485.80	6,627.23	5,897.81	6,035.49	6,267.02

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF REVENUE
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA	867.57	971.35	850.50	866.81	867.48	10,635.38	12.63
BENIN	647.74	747.56	686.28	800.44	769.61	8,264.98	9.81
EKO	1,153.10	1,263.66	1,225.68	970.92	980.32	11,983.86	14.23
ENUGU	702.11	782.27	735.72	697.60	789.74	8,472.96	10.06
IBADAN	950.37	1,005.11	905.61	1,004.25	894.22	11,098.31	13.18
IKEJA	1,238.78	1,585.86	1,444.54	1,348.01	1,259.81	15,544.86	18.46
JOS	320.34	376.96	328.88	381.36	331.07	3,905.07	4.64
KADUNA	361.33	407.29	406.02	461.36	455.11	4,666.55	5.54
KANO	334.14	420.15	372.83	365.88	351.15	4,201.91	4.99
P/H	345.98	327.09	304.65	435.78	328.08	3,904.87	4.64
YOLA	125.70	184.90	105.68	123.36	117.43	1,542.62	1.83
TOTAL	7,047.16	8,072.21	7,366.38	7,455.76	7,144.01	84,221.37	100.00

3.3 Revenue Collected at the Wholesale Electricity Market

Table 3.3 Revenue Collected at the WEM –DISCOS, International Connection and Special Customers

	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)
STATIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL
ABUJA	536.01	709.48	544.22	733.73	481.92	523.82	732.56
BENIN	328.33	339.77	377.88	280.10	231.49	247.40	270.12
EKO	730.82	561.95	695.87	445.39	360.46	217.94	411.19
ENUGU	446.12	337.69	361.45	236.50	174.06	173.56	236.32
IBADAN	452.03	370.15	440.97	457.36	289.27	266.16	304.09
IKEJA	1,107.41	459.64	934.33	634.59	619.45	474.75	617.06
JOS	158.91	162.73	174.23	133.22	99.14	80.42	82.89
KADUNA	115.92	71.00	257.08	95.45	163.63	188.10	110.60
KANO	185.61	121.28	195.79	189.48	95.25	97.65	102.60
P/H	191.16	192.53	145.56	149.14	105.48	83.24	104.19
YOLA	16.71	31.20	-	-	-	-	-
SUB TOTAL	4,269.04	3,357.43	4,127.37	3,354.97	2,620.16	2,353.04	2,971.62
NIGELEC	94.50	262.64	94.50	-	157.47	176.80	-
CEB LOME	301.51	290.62	266.01	290.30	272.63	234.60	279.41
SUB TOTAL	396.01	553.26	360.51	290.30	430.10	411.41	279.41
AJAKUTA	-	-	-	-	-	-	-
ITAKPE	-	-	-	-	-	-	-
DELTA STEEL	-	-	-	-	-	110.00	50.00
SUB TOTAL	-	-	-	-	-	110.00	50.00
LAGOS STATE	225.00	225.00	225.00	225.00	225.00	225.00	225.00
TOTAL	4,890.05	4,135.69	4,712.88	3,870.27	3,275.25	3,099.44	3,526.03
COLLECTION EFFICIENCY	70%	59%	71%	62%	67%	70%	66%
COLLECTION AT WEM AS % OF TOTAL COLLECTION	60%	52%	58%	54%	50%	46%	52%
REVENUE RETAINED BY THE DISTRIBUTION COMPANIES AS A % OF TOTAL COLLECTION	40%	48%	42%	46%	50%	54%	48%

Table 3.3(contd) Revenue Collected at the WEM –DISCOS, International Connection and Special Customers

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF REVENUE
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
ABUJA	550.85	604.77	482.39	501.35	571.52	6,972.61	14.34
BENIN	203.97	319.51	314.43	348.45	332.11	3,593.56	7.39
EKO	715.63	830.95	468.00	895.94	547.70	6,881.83	14.15
ENUGU	198.69	367.00	200.00	250.00	378.95	3,360.33	6.91
IBADAN	276.98	465.40	383.23	255.67	469.46	4,430.77	9.11
IKEJA	606.61	1,137.95	587.94	1,069.18	720.00	8,968.91	18.44
JOS	37.00	203.23	35.35	185.63	111.00	1,463.76	3.01
KADUNA	72.29	286.98	182.11	100.00	289.57	1,932.73	3.97
KANO	98.98	165.97	199.22	133.35	196.15	1,781.33	3.66
P/H	137.37	124.00	-	90.00	221.98	1,544.64	3.18
YOLA	-	51.57	-	-	-	99.48	0.20
SUB TOTAL	2,898.37	4,557.32	2,852.67	3,829.57	3,838.42	41,029.95	84.37
NIGELEC	-	-	263.24	-	606.24	1,655.40	3.40
CEB LOME	199.88	-	267.26	343.21	-	2,745.43	5.65
SUB TOTAL	199.88	-	530.51	343.21	606.24	4,400.83	9.05
AJAOKUTA	-	-	-	-	-	-	-
ITAKPE	-	-	-	-	-	-	-
DELTA STEEL	95.51	21.21	-	-	225.00	501.72	1.03
SUB TOTAL	95.51	21.21	-	-	225.00	501.72	1.03
LAGOS STATE	-	450.00	225.00	225.00	225.00	2,700.00	5.55
TOTAL	3,193.75	5,028.53	3,608.17	4,397.78	4,894.66	48,632.00	100.00
COLLECTION EFFICIENCY	46%	67%	43%	74%	75%		
COLLECTION AT WEM AS % OF TOTAL COLLECTION	43%	59%	44%	55%	60%		
REVENUE RETAINED BY THE DISTRIBUTION COMPANIES AS A % OF TOTAL COLLECTION	57%	41%	56%	45%	40%		

Average collection efficiency at the WEM

63%

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

53%

Revenue Retained at REM as a percentage of collection at REM

47%

4.0 PAYMENTS

Table 4 Application of Revenue Collected at WEM

STATIONS	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)
	JAN	FEB	MAR	APR	MAY	JUN	JUL
AFAM	80.87	80.87	80.87	81.03	81.42	16.30	81.42
DELTA	79.21	79.21	79.21	79.21	79.57	32.32	28.32
EBBIN	169.70	169.70	169.70	169.70	170.30	107.43	170.30
SAPELE	86.70	86.70	86.70	86.70	87.08	58.11	87.08
JEBBA	74.15	74.15	74.15	74.15	74.52	74.52	74.52
KAINJI	82.94	82.94	82.94	82.94	83.35	51.73	83.35
SHIRORO	71.27	71.27	71.27	71.27	74.73	58.28	74.73
GEREGU	13.22	13.22	13.22	13.22	13.26	13.26	13.26
OMOTOSO	11.22	11.22	11.22	11.22	11.40	11.40	11.40
OLORUNSOGO	-	-	3.00	3.00	3.00	3.00	3.00
NESCO	-	-	-	-	-	-	-
SUB TOTAL	669.28	669.28	672.28	672.44	678.63	426.35	627.38
IPPS	1,260.94	687.30	985.21	800.06	434.85	391.56	676.80
DIAMOND BANK DOMICILLIARY	301.51	290.62	266.01	290.30	272.63	234.60	279.41
GTB DOMICILLIARY	94.50	262.64	94.50	-	157.47	176.80	-
TCN	610.92	613.96	623.78	623.78	626.68	626.68	626.68
MO	12.03	12.03	12.03	12.03	12.03	12.03	12.06
NERC	61.00	45.00	46.00	45.29	35.00	39.41	40.00
GAS	271.94	229.98	248.51	192.17	164.73	100.00	224.09
VAT	385.30	117.33	341.39	224.84	44.15	44.54	100.92
EQUALIZATION	200.00	252.22	493.82	78.25	36.89	287.66	145.17
LOAN ACCOUNT	110.39	110.00	110.00	103.39	60.00	-	-
SUBSIDY	-	-	-	-	-	-	-
RESERVE/PRODUCTIVITY	126.91	125.00	120.00	120.00	100.00	90.00	110.60
OMOTOSO LOAN							
OLORUNSOGO LOAN							
SHELL LOAN							
MMF	48.33	48.33	48.33	-	-	-	-
BANK CHARGES	-	-	0.02	0.00	-	-	-
CHQ							
- SUPERANNUATION	150.00	150.00	150.00	150.00	150.00	150.00	150.00
- UBN ACCOUNT	122.00	122.00	114.00	113.85	113.85	104.16	21.56
- FBN ACCOUNT	286.00	130.00	95.00	94.04	124.04	92.93	334.77
- UBA GARKI ACCOUNT	51.00	142.00	-	50.00	98.90	-	-
- UBA ASOKORO ACCOUNT	30.00	30.00	176.00	159.72	49.39	206.71	141.98
- AFRIBANK ACCOUNT	50.00	50.00	32.00	56.10	32.00	31.00	14.60
- GTBANK ACCOUNT	31.00	31.00	68.00	68.00	68.00	68.00	10.00
- ZENITH BANK ACCOUNT	17.00	17.00	16.00	16.00	16.00	17.00	10.00
SUB-TOTAL	4,220.77	3,466.41	3,946.10	3,197.83	2,596.62	2,673.09	2,898.65
TOTAL	4,890.05	4,135.69	4,712.88	3,870.27	3,275.25	3,099.44	3,526.03

Table 4(contd) Application of Revenue Collected at WEM

STATION	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	(=N= M)	% OF APPLICATION
	AUG	SEPT	OCT	NOV	DEC	TOTAL	
AFAM	81.42	81.42	81.42	80.74	80.74	908.51	1.87
DELTA	79.57	79.57	79.57	77.53	77.53	850.84	1.75
EGBIN	170.30	170.30	173.28	168.29	168.29	1,977.30	4.07
SAPELE	87.08	87.08	87.08	84.06	84.06	1,008.45	2.07
JEBBA	74.52	74.52	74.52	71.83	71.83	887.36	1.82
KAINJI	83.35	83.35	83.35	83.41	83.41	967.05	1.99
SHIRORO	74.73	74.73	74.73	68.72	68.72	854.45	1.76
GEREGU	13.26	13.26	13.26	12.44	12.44	157.35	0.32
OMOTOSO	11.40	11.40	11.40	11.57	14.07	138.92	0.29
OLORUNSOGO	3.00	5.00	5.00	5.00	5.00	38.00	0.08
NESCO	-	-	-	-	-	-	-
SUB TOTAL	678.63	680.63	683.62	663.59	666.09	7,788.22	16.01
IPPS	573.77	1,617.45	539.50	1,230.59	1,253.44	10,451.48	21.49
DIAMOND BANK DOMICILIARY	199.88	-	267.26	343.21	-	2,745.43	5.65
GTB DOMICILLIARY	-	-	263.24	-	606.24	1,655.40	3.40
TCN	626.68	626.68	626.68	622.44	622.44	7,477.43	15.38
MO	12.06	12.06	12.06	12.06	12.06	144.53	0.30
NERC	42.00	49.00	40.00	40.00	40.00	522.70	1.07
GAS	160.64	232.31	153.65	219.15	196.86	2,394.03	4.92
VAT	100.00	335.85	236.94	250.00	250.00	2,431.28	5.00
EQUALIZATION	43.65	136.32	16.04	100.82	150.00	1,940.81	3.99
LOAN ACCOUNT	-	-	-	96.57	-	590.36	1.21
SUBSIDY	-	-	-	20.00	-	20.00	0.04
RESERVE/PRODUCTIVITY	102.33	220.00	100.00	100.00	-	1,314.84	2.70
OMOTOSO LOAN	-	-	-	-	100.00	100.00	0.21
OLORUNSOGO LOAN	-	-	-	*	100.00	100.00	0.21
SHELL LOAN	-	-	-	-	100.00	100.00	0.21
MMF	-	48.33	-	48.33	48.33	289.98	0.60
BANK CHARGES	-	0.31	-	-	0.00	0.34	0.00
CHQ							
- SUPERANNUATION	150.00	150.00	150.00	150.00	150.00	1,800.00	3.70
- UBN ACCOUNT	90.00	368.75	68.75	68.75	24.91	1,332.56	2.74
- FBN ACCOUNT	269.27	100.68	100.68	100.68	157.56	1,885.65	3.88
- UBA GARKI ACCOUNT	-	157.46	157.19	95.83	218.88	971.27	2.00
- UBA ASOKORO ACCOUNT	103.97	-	-	61.63	44.70	1,004.11	2.06
- AFRIBANK ACCT	0.88	60.68	60.68	60.68	20.00	468.63	0.96
- GTBANK ACCT	20.00	196.75	96.61	97.16	113.16	867.67	1.78
- ZENITH BANK ACCT	20.00	35.27	35.27	16.27	20.00	235.80	0.48
SUB-TOTAL	2,515.12	4,347.90	2,924.55	3,734.18	4,228.57	40,749.79	83.99
TOTAL	3,193.75	5,028.53	3,608.17	4,397.78	4,894.67	48,632.51	100.00

5.0 ADMINISTRATION OF THE SPECIAL CUSTOMERS

5.1 Payment Status on Ajaokuta Steel Company and NIOMCO Itakpe

Table 5.1 Payment Status on Ajaokuta and Itakpe

MONTH	INVOICE (=N=)	PAYMENT (=N=)	OUTSTANDING (=N=)
RECONCILIATION AS AT MARCH, 2008			156,679,047.00
APRIL	61,948,992.00	-	218,628,039.00
MAY	63,865,431.00	-	282,493,470.00
JUNE	53,041,296.00	-	335,534,766.00
JUL	52,571,421.00	-	388,106,187.00
AUG	56,696,619.00	-	444,802,806.00
SEPT	40,175,026.50	-	484,977,832.50
OCT	61,796,259.00	-	546,774,091.50
NOV	17,342,325.00	-	564,116,416.50
DEC	64,131,618.00	-	628,248,034.50
TOTAL	471,568,987.50	-	628,248,034.50

5.2 Payment Status on Delta Steel Company Aladja Warri

Table 5.2 Payment Status on Delta Steel Company

MONTH	INVOICE (=N=)	PAYMENT (=N=)	OUTSTANDING (=N=)
RECONCILIATION AS AT MARCH, 2008			875,377,335.00
APRIL	110,252,310.00	-	985,629,645.00
MAY	121,209,270.00	-	1,106,838,915.00
JUNE	132,529,110.00	110,000,000.00	1,129,368,025.00
JUL	148,052,310.00	50,000,000.00	1,227,420,335.00
AUG	148,856,190.00	95,509,270.00	1,280,767,255.00
SEPT	182,709,870.00	21,209,270.00	1,442,267,855.00
OCT	196,239,750.00	-	1,638,507,605.00
NOV	145,932,990.00	-	1,784,440,595.00
DEC	126,186,270.00	225,000,000.00	1,685,626,865.00
TOTAL	1,311,968,070.00	501,718,540.00	1,685,626,865.00

6.0 ADMINISTRATION OF THE PPAS AND CONNECTION AGREEMENT

6.1 Operation of the PPAS

Table 6.1 Nominated Vs Delivered Generation of the IPPs

		JAN	FEB	MAR	APR	MAY	JUN	JUL
AGIP	NOMINATED (MW)	476.70	476.70	476.70	476.70	476.70	476.70	476.70
	DELIVERED (MW)	351.35	448.36	372.75	341.91	225.54	110.39	242.53
	DELIVERED (GWH)	261.89	310.74	276.48	243.31	167.83	78.00	184.00
AES	NOMINATED (MW)	300.90	300.90	294.30	294.30	294.30	294.30	294.30
	DELIVERED (MW)	220.18	247.20	152.22	189.00	207.64	180.65	219.02
	DELIVERED (GWH)	164.06	154.72	104.11	129.38	69.62	104.72	164.52
NESCO	DELIVERED (GWH)	2.55	1.90	2.12	1.15	1.11	1.53	2.79

		AUG	SEPT	OCT	NOV	DEC	TOTAL	AVE
AGIP	NOMINATED (MW)	476.70	476.70	476.70	476.70	476.70		476.70
	DELIVERED (MW)	326.70	333.20	325.50	158.20	381.20		301.47
	DELIVERED (GWH)	240.01	240.53	240.53	158.27	283.93	2,685.52	223.79
AES	NOMINATED (MW)	294.30	294.30	294.30	294.30	294.30		295.40
	DELIVERED (MW)	238.50	218.00	231.30	217.80	208.70		210.85
	DELIVERED (GWH)	170.70	156.48	171.99	156.81	127.85	1,674.96	139.58
NESCO	DELIVERED (GWH)	2.18	2.36	2.69	1.86	1.14		1.95

Table 6.1.1 Payment Status on Agip PPA

MONTH	INVOICE (\$)	PAYMENT (\$)	OUTSTANDING (\$)
01/01/2008			110,439,527.39
JANUARY	13,013,309.30	7,655,461.27	5,357,848.03
FEBRUARY	13,367,343.06	7,841,388.40	5,525,954.66
MARCH	13,116,605.56	7,710,748.12	5,405,857.44
APRIL	13,063,605.73	7,585,643.57	5,477,962.16
MAY	12,514,333.65	9,047,283.12	3,467,050.53
JUNE	12,453,598.84	6,958,741.61	5,494,857.23
JUL	11,860,570.33	-	11,860,570.33
AUG	13,346,795.41	-	13,346,795.41
SEPT	13,325,858.08	-	13,325,858.08
OCT	12,663,717.38	-	12,663,717.38
NOV	12,590,579.63	-	12,590,579.63
DEC	13,850,131.88	-	13,850,131.88
TOTAL	155,166,448.85	46,799,266.09	218,806,710.15

Table 6.1.2 Payment Status on AES PPA

MONTH	INVOICE (\$)	PAYMENT (\$)	OUTSTANDING (\$)
01/01/2008			32,140,928.49
JANUARY	5,682,615.00	4,257,000.00	1,425,615.00
FEBRUARY	5,682,615.00	4,257,000.00	1,425,615.00
MARCH	5,682,615.00	4,257,000.00	1,425,615.00
APRIL	5,682,615.00	4,257,000.00	1,425,615.00
MAY	5,682,615.00	4,257,000.00	1,425,615.00
JUNE	5,682,615.00	4,257,000.00	1,425,615.00
JUL	5,682,615.00	4,257,000.00	1,425,615.00
AUG	5,682,615.00	4,257,000.00	1,425,615.00
SEPT	5,682,615.00	4,257,000.00	1,425,615.00
OCT	5,682,615.00	4,257,000.00	1,425,615.00
NOV	5,682,615.00	38,461,419.20	(32,779,804.20)
DEC	5,682,615.00	4,257,000.00	1,425,615.00
TOTAL	68,191,380.00	85,288,419.20	15,043,889.29

Table 6.1.3 Payment Status on NESCO PPA

MONTH	INVOICE (=N=)	PAYMENT (=N=)	OUTSTANDING (=N=)
01/01/2008			
JANUARY	6,506,200.48	6,506,200.48	
FEBRUARY	5,719,670.37	5,719,670.37	
MARCH	5,809,684.86	5,809,684.86	
APRIL	4,267,110.33	4,267,110.33	
MAY	4,249,809.59	4,249,809.59	
JUNE	4,755,279.38	4,755,279.38	-
JUL	6,799,992.57	6,799,992.57	
AUG	5,898,205.53	5,898,205.53	
SEPT	6,234,963.84	6,234,963.84	
OCT	6,752,477.66	6,752,477.66	
NOV	5,352,738.30	5,352,738.30	
DEC	3,495,489.80	3,495,489.80	
TOTAL	65,841,622.71	65,841,622.71	

6.2 Operation of the Connection Agreement

Table 6.2.1 Operation of the Connection Agreement - NIGELEC

MONTHS	ELECTRICITY DELIVERED		INVOICE (\$)	PAYMENT MADE (\$)	OUTSTANDING (\$)	CUMMULATIVE OUTSTANDING (\$)
	CAPACITY (MW)	ENERGY (MWH)				
B/F DEC, 2007						4,511,817.00
JANUARY	64.34	22,646.50	851,856.00	750,000.00	101,856.00	4,613,673.00
FEBRUARY	68.70	26,392.22	961,959.00	-	961,959.00	5,575,632.00
MARCH	78.95	41,434.20	1,364,767.00	3,000,000.00	(1,635,233.00)	3,940,399.00
APRIL	80.86	44,194.30	1,437,337.00	-	1,437,337.00	5,377,736.00
MAY	81.11	45,075.00	1,450,334.00	1,350,000.00	100,334.00	5,478,070.00
JUNE	81.02	39,906.60	1,316,079.00	2,250,000.00	(933,921.00)	4,544,149.00
JULY	79.00	37,320.40	1,240,647.00	1,500,000.00	(259,353.00)	4,284,796.00
AUGUST	78.99	42,051.80	1,384,230.00	-	1,384,230.00	5,669,026.00
SEPTEMBER	81.90	46,805.10	1,512,095.00	750,000.00	762,095.00	6,431,121.00
OCTOBER	79.67	45,612.70	1,472,467.00	3,000,000.00	(1,527,533.00)	4,903,588.00
NOVEMBER	79.87	36,232.80	1,238,861.00	-	1,238,861.00	6,142,449.00
DECEMBER	69.88	35,078.70	1,173,415.00	-	1,173,415.00	7,315,864.00
TOTAL		462,750.32	15,404,047.00	12,600,000.00	2,804,047.00	7,315,864.00

Table 6.2.2 Operation of the Connection Agreement - CEB

MONTHS	ELECTRICITY DELIVERED		INVOICE (\$)	PAYMENT MADE (\$)	OUTSTANDING (\$)	CUMMULATIVE OUTSTANDING (\$)
	CAPACITY (MW)	ENERGY (MWH)				
B/F DEC, 2007						5,007,813.46
JANUARY	80	55,044.00	2,489,743.00	2,413,898.00	75,845.00	5,083,658.46
FEBRUARY	80	54,951.00	2,486,060.00	2,599,194.00	(113,134.00)	4,970,524.46
MARCH	80	48,666.00	2,237,174.00	2,489,700.00	(252,526.00)	4,717,998.46
APRIL	80	46,223.00	2,140,431.00	2,486,010.00	(345,579.00)	4,372,419.46
MAY	80	52,633.00	2,394,267.00	2,237,149.00	157,118.00	4,529,537.46
JUNE	80	42,434.00	1,990,387.00	2,140,380.00	(149,993.00)	4,379,544.46
JULY	80	35,423.00	1,712,751.00	1,990,362.00	(277,611.00)	4,101,933.46
AUGUST	80	49,250.00	2,260,301.00	2,394,242.00	(133,941.00)	3,967,992.46
SEPTEMBER	80	49,857.00	2,284,338.00	1,712,726.00	571,612.00	4,539,604.46
OCTOBER	80	54,079.00	2,451,529.00	2,260,250.00	191,279.00	4,730,883.46
NOVEMBER	80	57,078.00	2,570,289.00	2,284,313.00	285,976.00	5,016,859.46
DECEMBER	80	57,207.00	2,575,398.00	2,451,504.00	123,894.00	5,140,753.46
TOTAL		602,845.00	27,592,668.00	27,459,728.00	132,940.00	5,140,753.46

7.0 ADMINISTRATION OF EFFICIENCY IMPROVEMENT PROGRAMS

Table 7 DISCOS Performance Against Targets

DISCOS	Q1 -08				Q2 - 08			
	FIRST QUARTER TARGET	JAN PIM	FEB PIM	MAR PIM	SECOND QUARTER TARGET	APR PIM	MAY PIM	JUN PIM
ABUJA	4.90	4.96	4.98	5.45	4.90	5.15	5.55	7.71
BENIN	4.46	3.69	3.80	4.18	4.46	3.95	4.58	4.76
EKO	6.09	6.48	6.67	7.18	6.09	6.93	8.13	8.05
ENUGU	4.13	4.78	4.58	5.12	4.13	4.75	5.47	5.98
IBADAN	4.93	4.77	5.02	5.50	4.93	4.88	5.55	5.90
IKEJA	5.50	5.35	6.07	5.79	5.50	5.21	6.95	7.08
JOS	4.58	4.26	4.41	5.54	4.58	4.75	5.46	5.16
KADUNA	4.24	2.76	2.91	2.89	4.24	3.20	3.91	3.93
KANO	5.19	3.15	3.55	4.00	5.19	3.86	3.44	4.81
P/H	4.75	3.80	3.51	4.62	4.75	3.89	4.68	5.68
YOLA	4.34	4.34	3.26	5.01	4.34	5.14	5.01	5.28

DISCOS	Q3 - 08				Q4 - 08				AVERAGE		% OF DEVIATION
	THIRD QUARTER TARGET	JUL PIM	AUG PIM	SEPT PIM	FOURTH QUARTER TARGET	OCT PIM	NOV PIM	DEC PIM	TARGET	PERFORMANCE	
ABUJA	4.90	4.78	4.72	5.13	4.90	4.23	5.05	5.01	4.90	5.23	6.67
BENIN	4.46	4.16	3.65	4.21	4.46	3.72	4.26	3.74	4.46	4.06	-9.01
EKO	6.09	7.72	6.32	6.29	6.09	5.61	7.07	7.37	6.09	6.99	14.70
ENUGU	4.13	5.00	4.08	4.57	4.13	3.66	4.62	4.59	4.13	4.77	15.42
IBADAN	4.93	5.36	4.99	5.04	4.93	4.44	6.08	4.23	4.93	5.15	4.39
IKEJA	5.50	6.56	5.41	6.02	5.50	4.65	6.70	6.23	5.50	6.00	9.12
JOS	4.58	6.06	4.21	4.20	4.58	3.22	6.92	4.08	4.58	4.86	6.02
KADUNA	4.24	3.31	3.24	3.20	4.24	2.92	3.97	3.78	4.24	3.34	-21.34
KANO	5.19	4.86	3.41	4.00	5.19	3.08	4.24	4.18	5.19	3.88	-25.21
P/H	4.75	5.10	4.87	3.63	4.75	3.07	6.76	4.20	4.75	4.48	-5.60
YOLA	4.34	5.61	3.53	3.94	4.34	1.99	4.90	4.51	4.34	4.38	0.84

Fig. 7.0

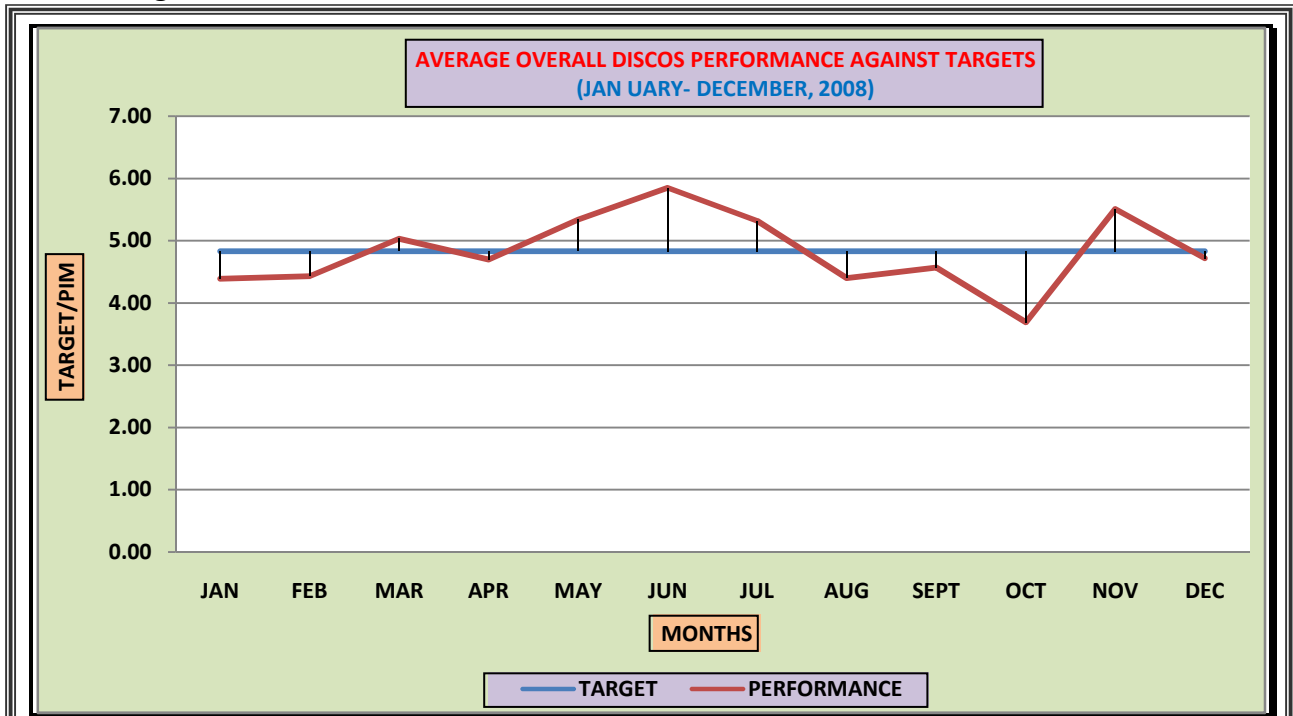


Fig. 7.1

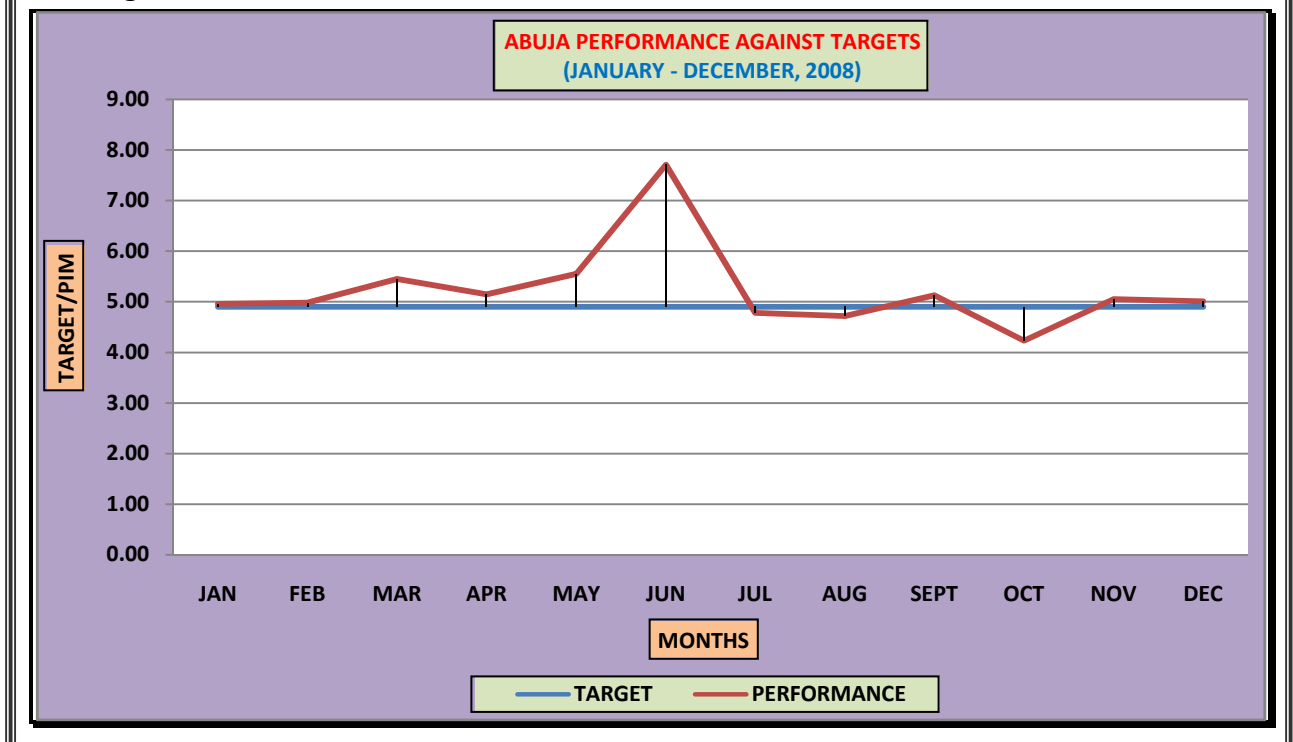


Fig. 7.2

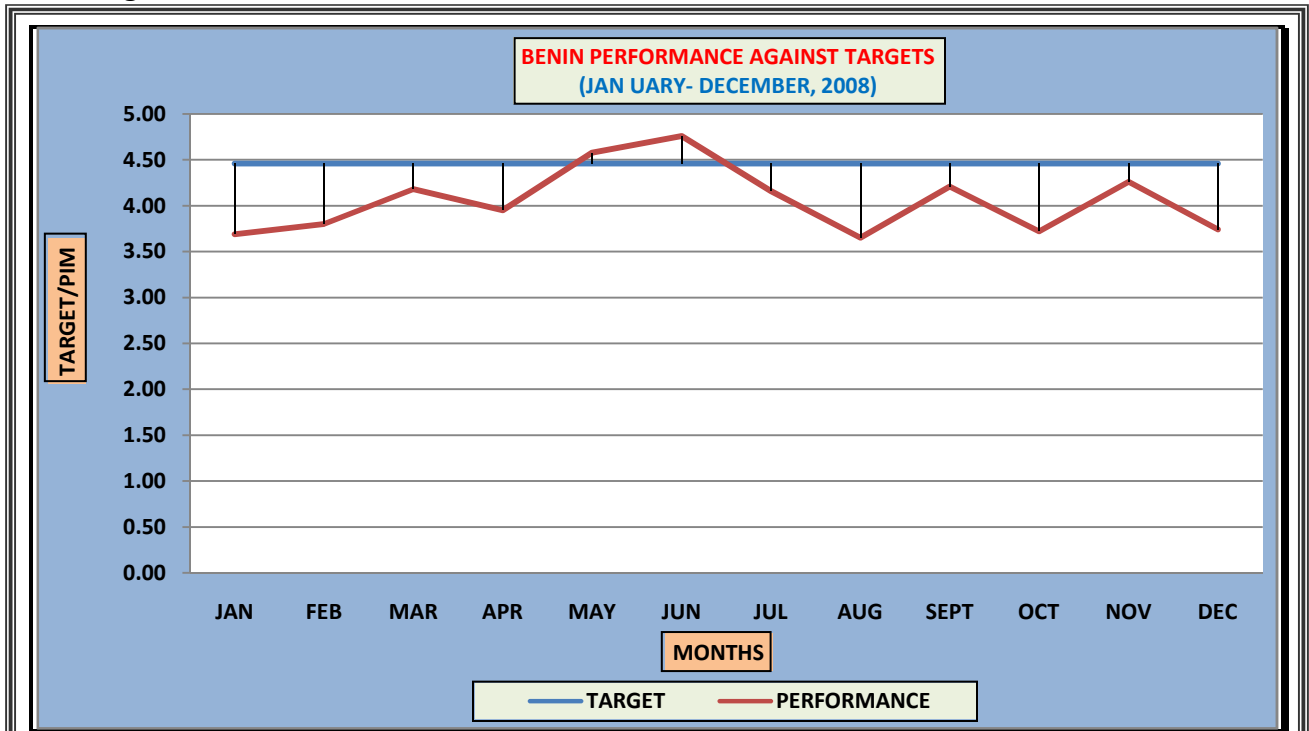


Fig. 7.3

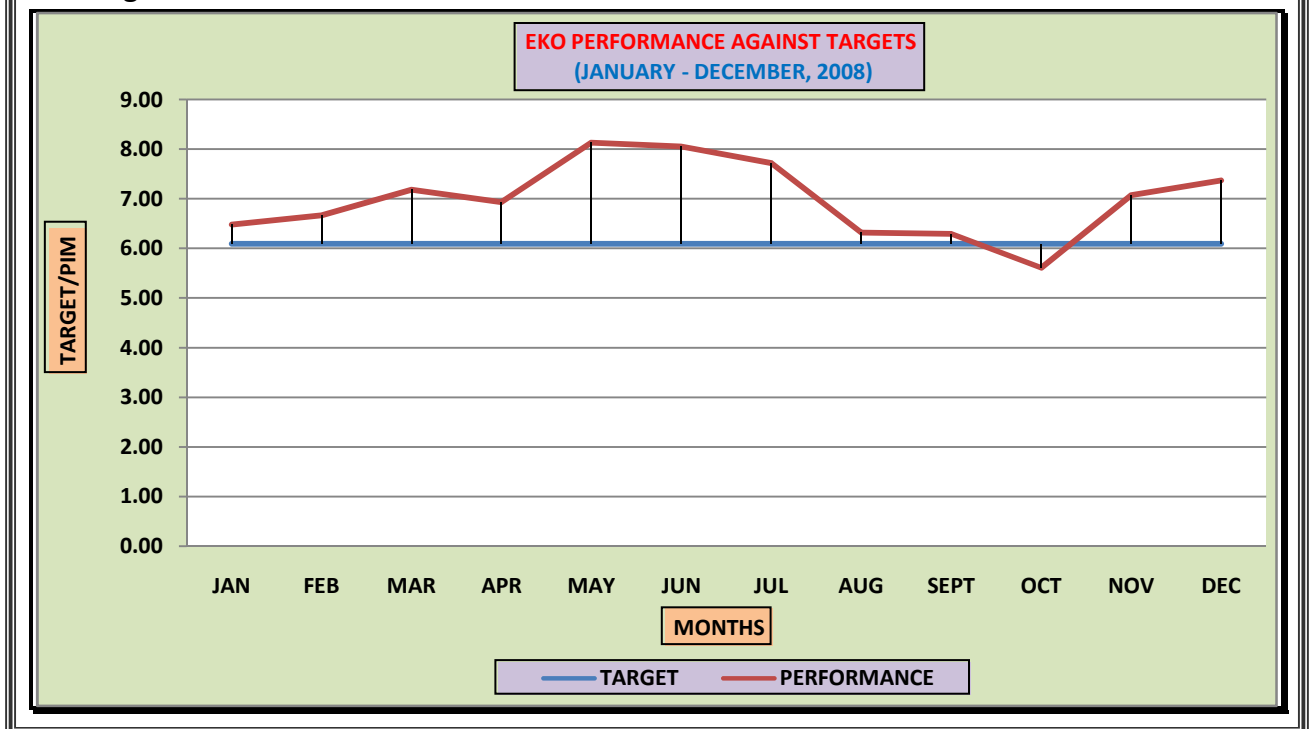


Fig. 7.4

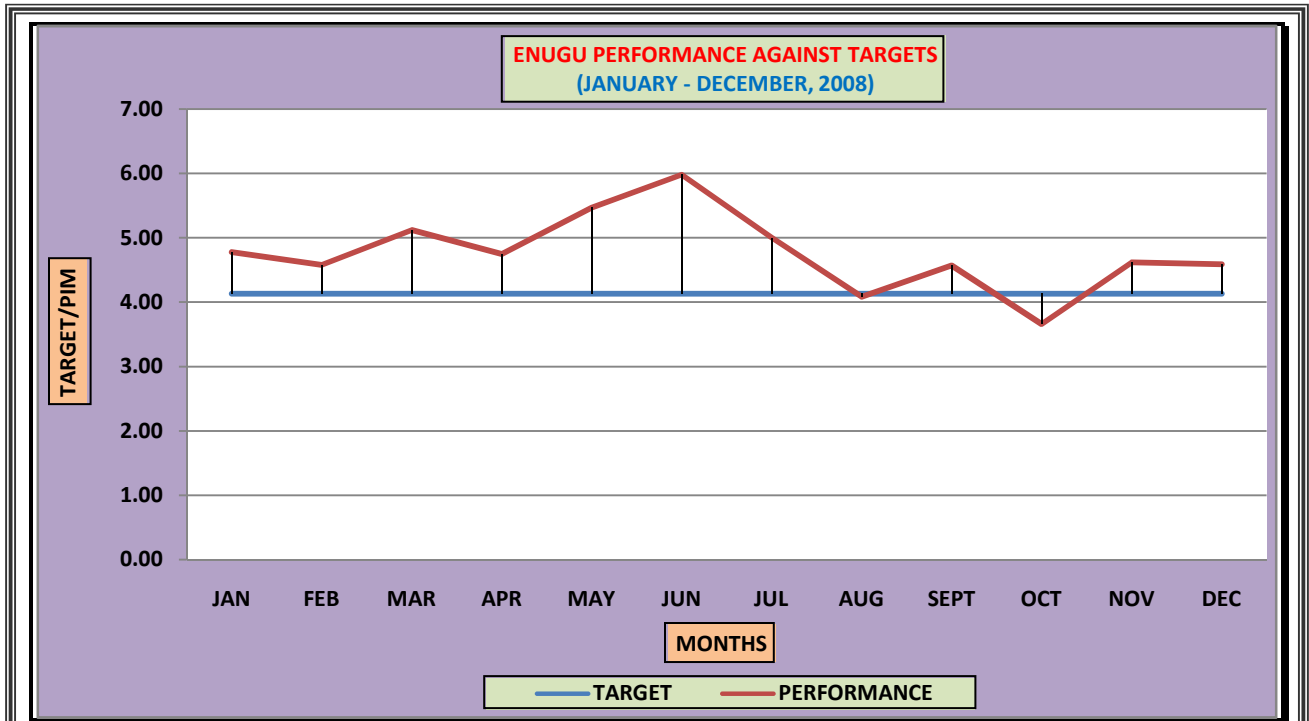


Fig. 7.5

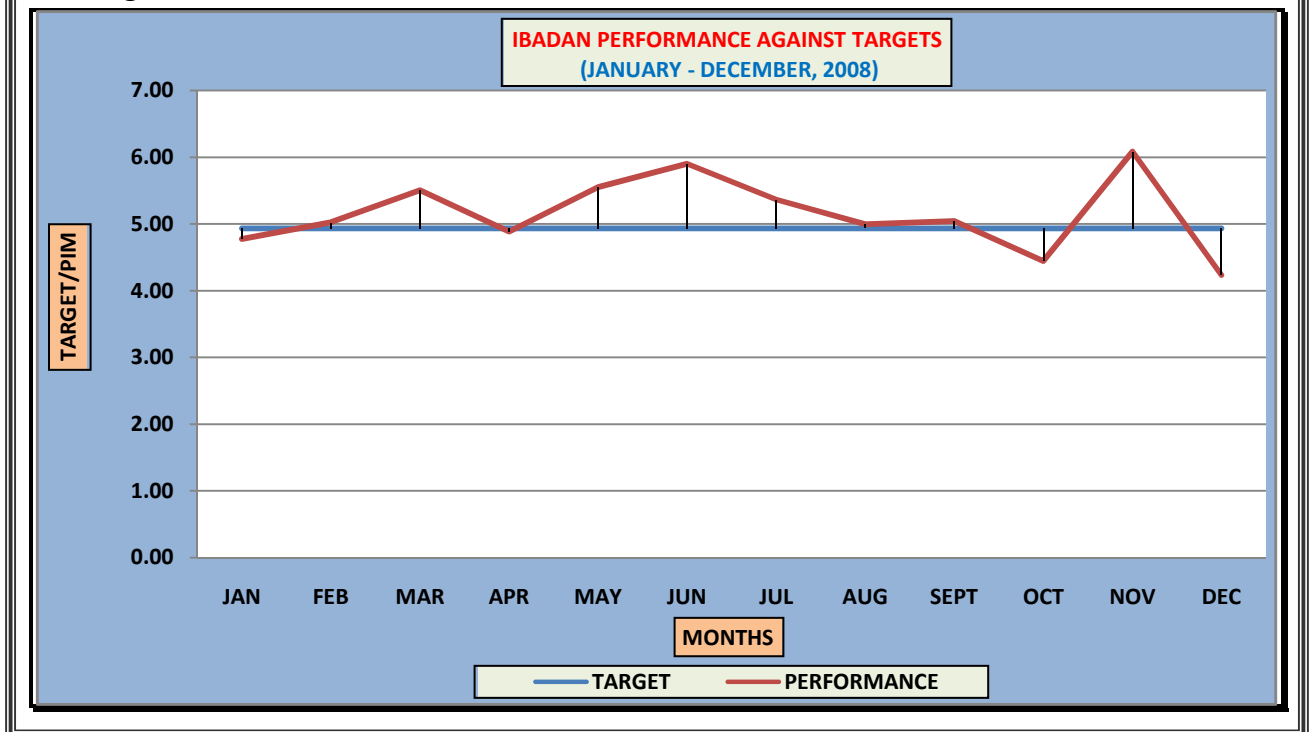


Fig. 7.6

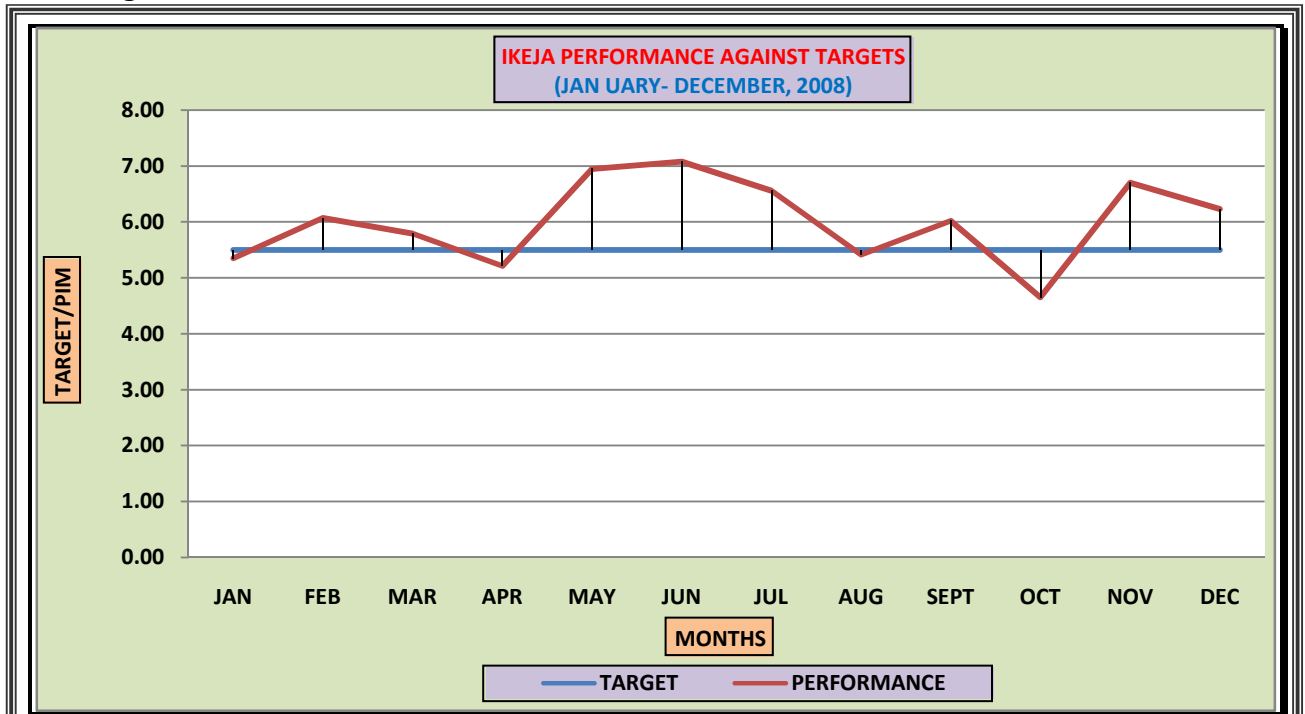


Fig. 7.7

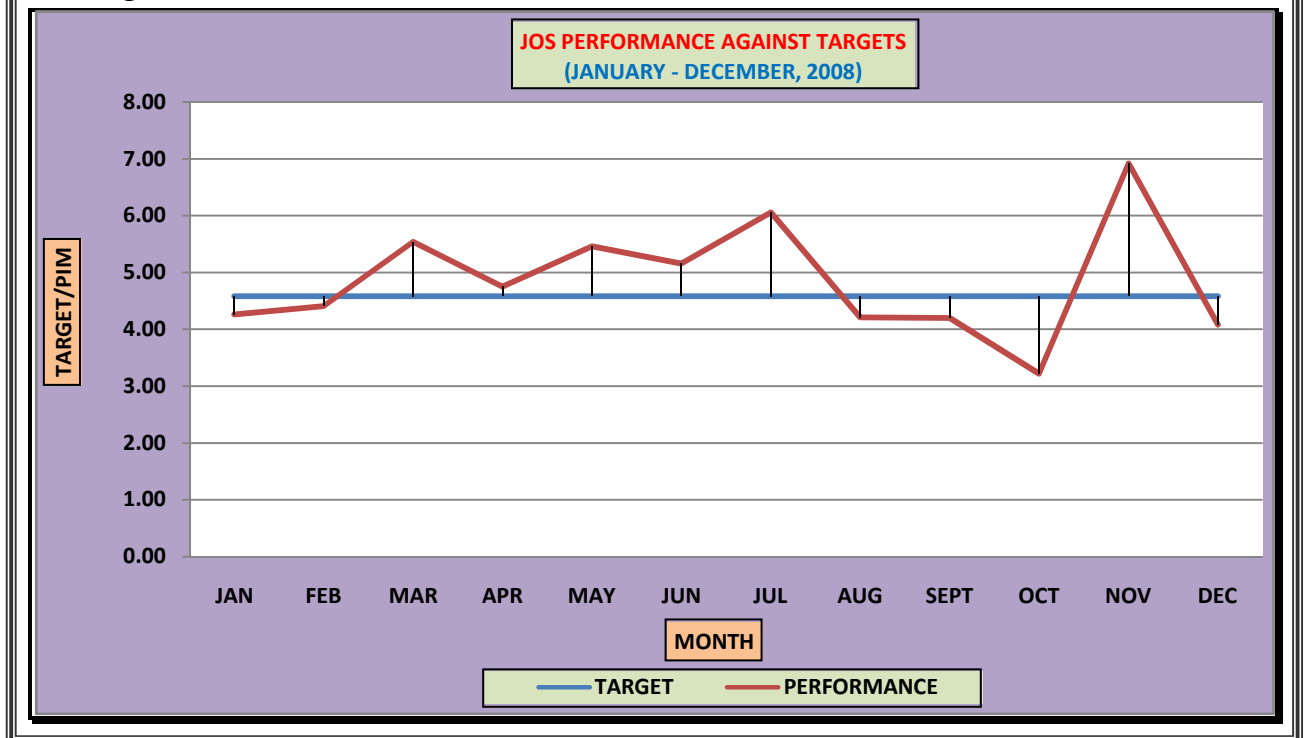


Fig. 7.8

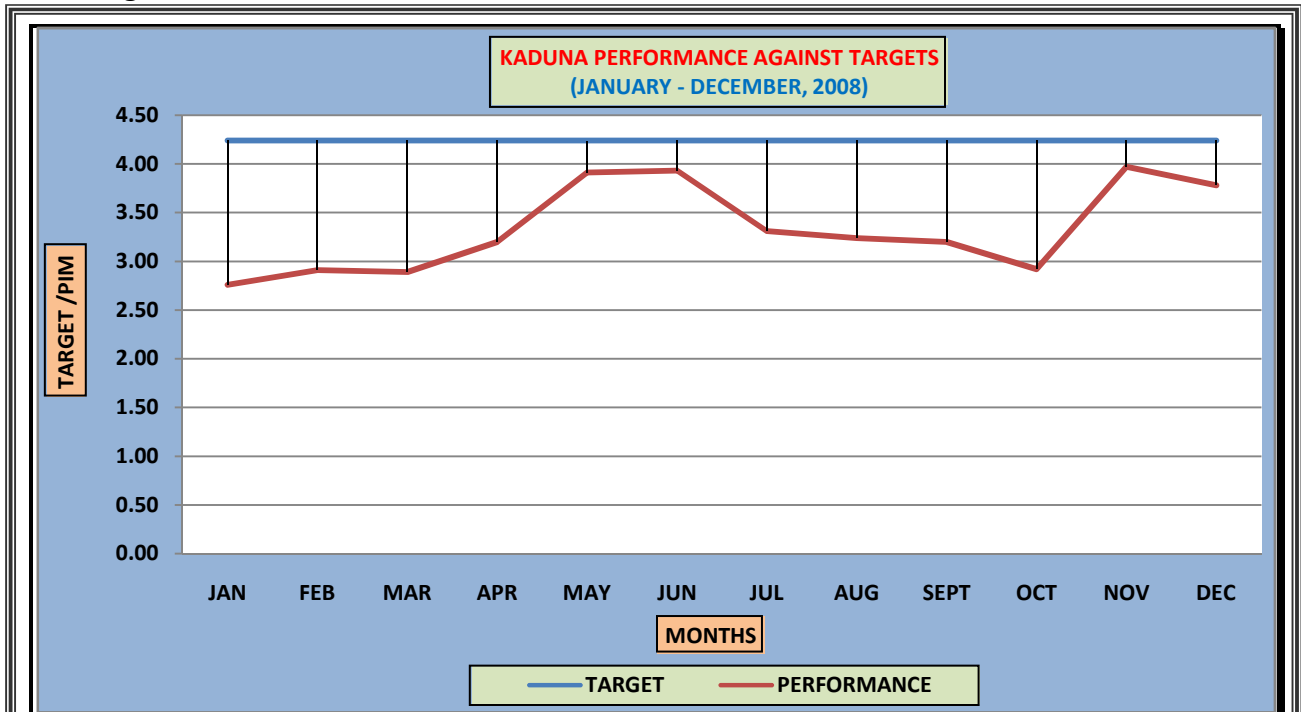


Fig. 7.9

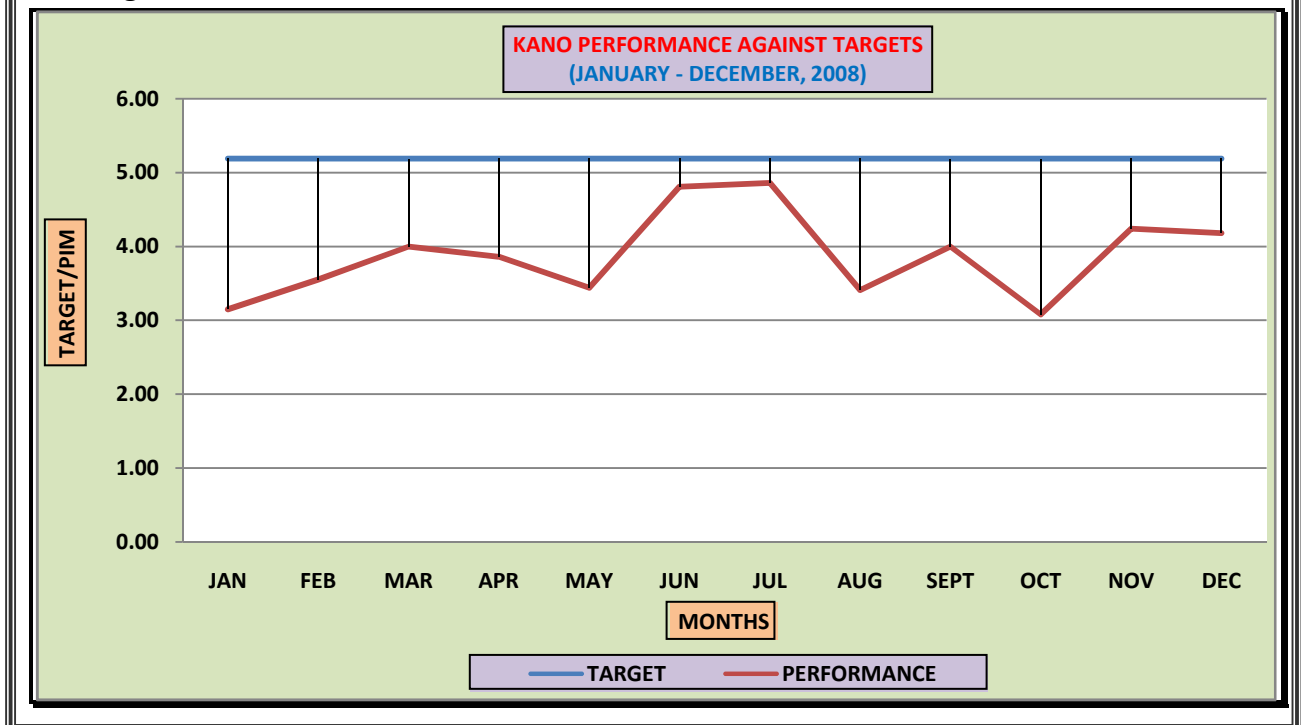


Fig. 7.10

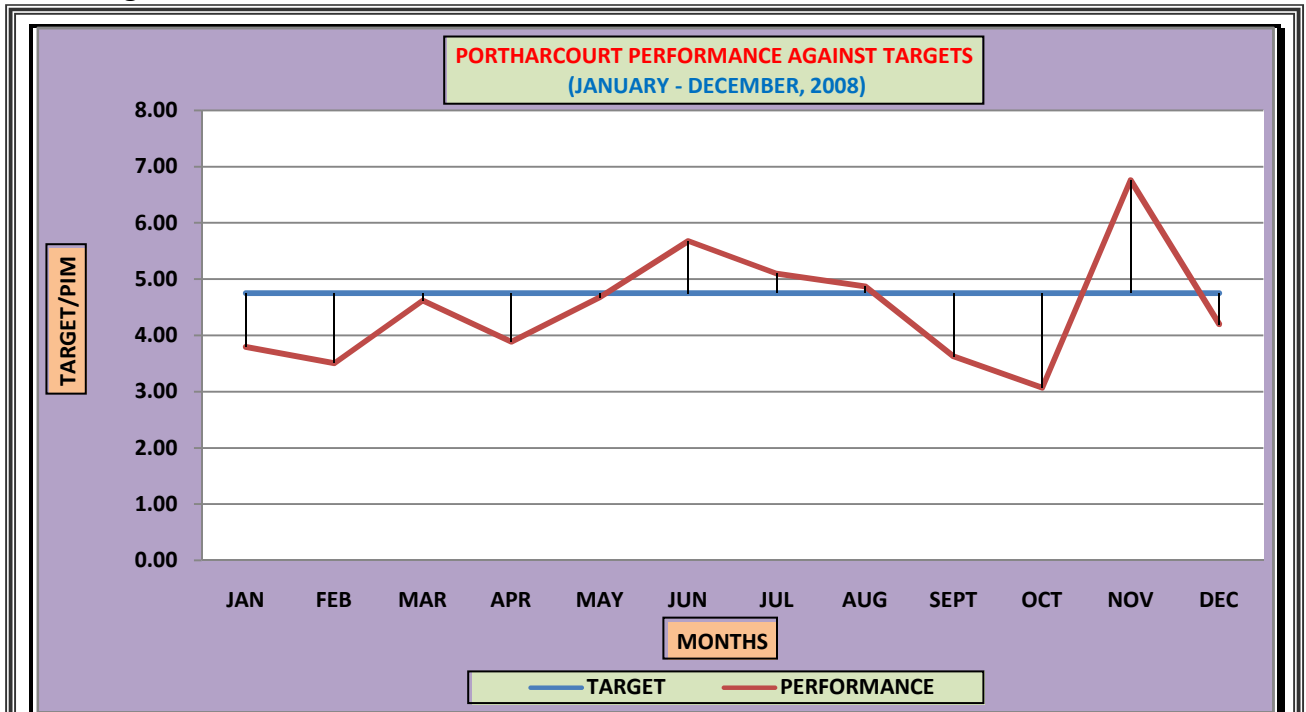
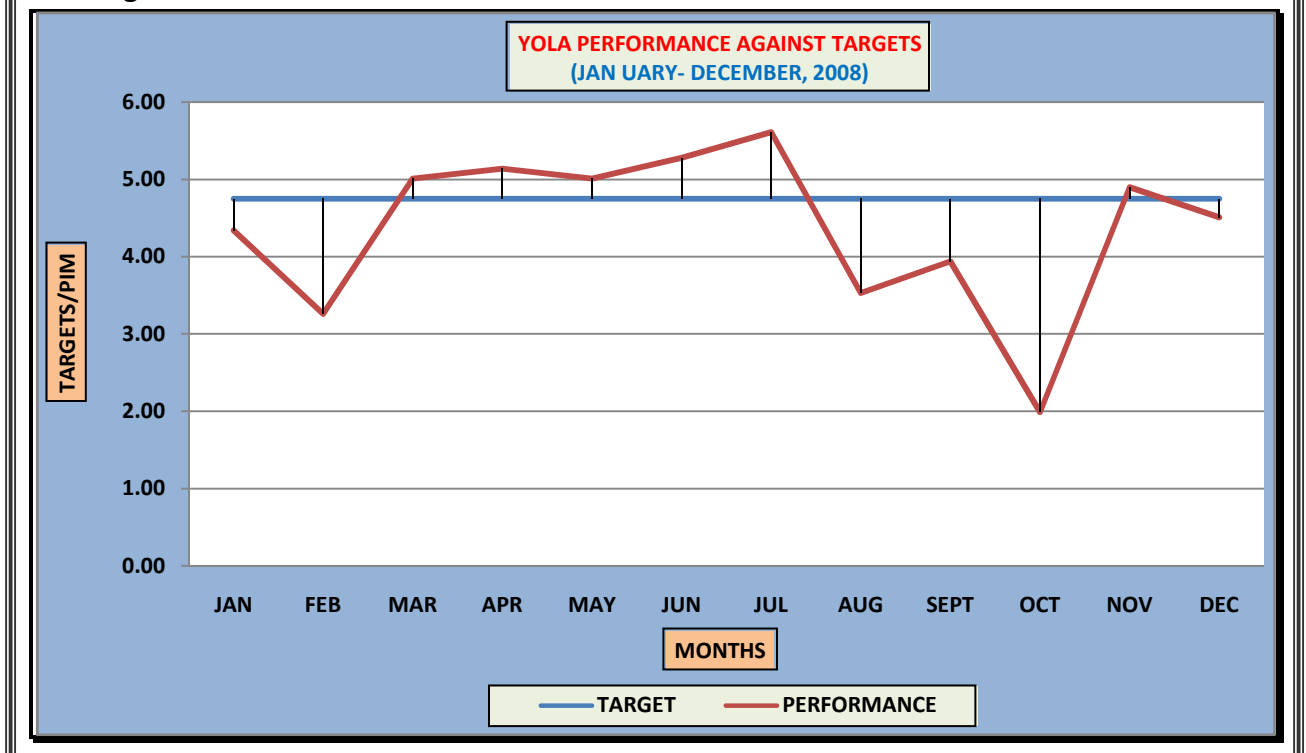


Fig. 7.11



8.0 GAS CONSUMPTION

Table 8 Gas Consumption Against Energy Generated

MONTH	GENCO	GAS CONSUMED (SCF)	RATE (=N=/1000 SCF)	AMOUNT (=N=)	VAT (=N=)	TOTAL (=N=)	ENERGY GENERATED (KWH)	COST OF GAS/ ENERGY (=N=/KWH)	UNIT OF GAS/ ENERGY (SCF/KWH)
JAN	EGBIN	3,514,292,461.00	30.00	105,428,773.83	5,271,438.69	110,700,212.52	322,940,000.00	0.34	10.88
	AES	2,012,552,100.00	30.00	60,376,563.00	3,018,828.15	63,395,391.15	168,871,010.00	0.38	11.92
	SAPELE	572,312,875.00	30.00	17,169,386.25	858,469.31	18,027,855.56	48,720,000.00	0.37	11.75
	DELTA	2,650,312,875.00	30.00	79,509,386.25	3,975,469.31	83,484,855.56	179,863,900.00	0.46	14.74
	AFAM	1,357,812,993.00	30.00	40,734,389.79	2,036,719.49	42,771,109.28	100,804,500.00	0.42	13.47
	GEREGU	1,235,506,714.00	30.00	37,065,201.42	1,853,260.07	38,918,461.49	118,326,000.00	0.33	10.44
	OMOTOSO	419,745,648.00	30.00	12,592,369.44	629,618.47	13,221,987.91	36,798,500.00	0.36	11.41
	OLORUNSOGO	45,052,270.00	30.00	1,351,568.10	67,578.41	1,419,146.51	4,440,200.00	0.32	10.15
FEB	EGBIN	2,896,043,811.00	30.00	86,881,314.33	4,344,065.72	91,225,380.05	253,052,210.00	0.36	11.44
	AES	1,783,256,600.00	30.00	53,497,698.00	2,674,884.90	56,172,582.90	159,992,180.00	0.35	11.15
	SAPELE	1,057,384,296.00	30.00	31,721,528.88	1,586,076.44	33,307,605.32	95,784,000.00	0.35	11.04
	DELTA	215,065,810.40	30.00	6,451,974.31	322,598.72	6,774,573.03	19,421,400.00	0.35	11.07
	AFAM	1,252,995,234.00	30.00	37,589,857.02	1,879,492.85	39,469,349.87	97,481,000.00	0.40	12.85
	GEREGU	887,509,951.00	30.00	26,625,298.53	1,331,264.93	27,956,563.46	83,885,300.00	0.33	10.58
	OMOTOSO	453,617,760.00	30.00	13,608,532.80	680,426.64	14,288,959.44	41,294,400.00	0.35	10.98
	OLORUNSOGO	187,443,180.00	30.00	5,623,295.40	281,164.77	5,904,460.17	16,375,900.00	0.36	11.45
MAR	EGBIN	1,947,592,532.00	30.00	58,427,775.96	2,921,388.80	61,349,164.76	169,570,600.00	0.36	11.49
	AES	1,288,483,700.00	30.00	38,654,511.00	1,932,725.55	40,587,236.55	104,851,530.00	0.39	12.29
	SAPELE	1,010,856,489.00	30.00	30,325,694.67	1,516,284.73	31,841,979.40	94,670,000.00	0.34	10.68
	DELTA	1,243,141,274.00	30.00	37,294,238.22	1,864,711.91	39,158,950.13	172,157,400.00	0.23	7.22
	AFAM	606,472,195.00	30.00	18,194,165.85	909,708.29	19,103,874.14	40,262,200.00	0.47	15.06
	GEREGU	1,903,898,724.00	30.00	57,116,961.72	2,855,848.09	59,972,809.81	177,406,600.00	0.34	10.73
	OMOTOSO	430,941,630.00	30.00	12,928,248.90	646,412.45	13,574,661.35	37,839,000.00	0.36	11.39
	OLORUNSOGO	313,729,546.00	30.00	9,411,886.38	470,594.32	9,882,480.70	12,425,100.00	0.80	25.25
APRIL	EGBIN	4,133,022,569.00	30.00	123,990,677.07	6,199,533.85	130,190,210.92	385,562,640.00	0.34	10.72
	AES	1,733,597,200.00	30.00	52,007,916.00	2,600,395.80	54,608,311.80	131,334,790.00	0.42	13.20
	SAPELE	553,191,956.00	30.00	16,595,758.68	829,787.93	17,425,546.61	50,835,000.00	0.34	10.88
	DELTA	1,377,185,217.00	30.00	41,315,556.51	2,065,777.83	43,381,334.34	160,100,200.00	0.27	8.60
	AFAM	219,691,979.00	30.00	6,590,759.37	329,537.97	6,920,297.34	12,041,100.00	0.57	18.25
	GEREGU	1,005,378,286.00	30.00	30,161,348.58	1,508,067.43	31,669,416.01	95,341,100.00	0.33	10.55
	OMOTOSO	496,329,373.00	30.00	14,889,881.19	744,494.06	15,634,375.25	42,822,000.00	0.37	11.59
	OLORUNSOGO	313,729,546.00	30.00	9,411,886.38	470,594.32	9,882,480.70	34,068,330.00	0.29	9.21

Table 8(contd) Gas Consumption Against Energy Generated

MONTH	GENCO	GAS CONSUMED (SCF)	RATE (=N=/1000 SCF)	AMOUNT (=N=)	VAT (=N=)	TOTAL (=N=)	ENERGY GENERATED (KWH)	COST OF GAS/ ENERGY (=N=/KWH)	UNIT OF GAS/ ENERGY (SCF/KWH)
MAY	EGBIN	3,089,212,856.00	30.00	92,676,385.68	4,633,819.28	97,310,204.96	292,985,660.00	0.33	10.54
	AES	1,933,272,400.00	30.00	57,998,172.00	2,899,908.60	60,898,080.60	143,028,300.00	0.43	13.52
	SAPELE	330,353,736.00	30.00	9,910,612.08	495,530.60	10,406,142.68	38,001,000.00	0.27	8.69
	DELTA	247,508,810.00	30.00	7,425,264.30	371,263.22	7,796,527.52	75,624,100.00	0.10	3.27
	AFAM	264,590,970.00	30.00	7,937,729.10	396,886.46	8,334,615.56	12,979,000.00	0.64	20.39
	GEREGU	898,355,339.00	30.00	26,950,660.17	1,347,533.01	28,298,193.18	79,473,100.00	0.36	11.30
	OMOTOSO	353,244,748.00	30.00	10,597,342.44	529,867.12	11,127,209.56	28,678,400.00	0.39	12.32
	OLORUNSOGO	244,950,010.00	30.00	7,348,500.30	367,425.02	7,715,925.32	20,761,900.00	0.37	11.80
JUN	EGBIN	3,286,422,637.00	30.00	98,592,679.11	4,929,633.96	103,522,313.07	321,555,810.00	0.32	10.22
	AES	1,812,176,200.00	30.00	54,365,286.00	2,718,264.30	57,083,550.30	132,671,120.00	0.43	13.66
	SAPELE	593,500,366.00	30.00	17,805,010.98	890,250.55	18,695,261.53	60,226,000.00	0.31	9.85
	DELTA	516,943,128.00	30.00	15,508,293.84	775,414.69	16,283,708.53	121,210,800.00	0.13	4.26
	AFAM	201,110,594.00	30.00	6,033,317.82	301,665.89	6,334,983.71	9,987,100.00	0.63	20.14
	GEREGU	1,520,122,598.00	30.00	45,603,677.94	2,280,183.90	47,883,861.84	137,927,800.00	0.35	11.02
	OMOTOSO	338,767,365.90	30.00	10,163,020.98	508,151.05	10,671,172.03	30,555,100.00	0.35	11.09
	OLORUNSOGO	266,504,545.00	30.00	7,995,136.35	399,756.82	8,394,893.17	18,743,000.00	0.45	14.22
JUL	EGBIN	4,460,787,264.00	30.00	133,823,617.92	6,691,180.90	140,514,798.82	403,988,170.00	0.35	11.04
	AES	2,309,659,600.00	30.00	69,289,788.00	3,464,489.40	72,754,277.40	169,061,400.00	0.43	13.66
	SAPELE	815,351,554.00	30.00	24,460,546.62	1,223,027.33	25,683,573.95	84,744,000.00	0.30	9.62
	DELTA	1,524,411,947.00	30.00	45,732,358.41	2,286,617.92	48,018,976.33	193,155,900.00	0.25	7.89
	AFAM	540,292,193.00	30.00	16,208,765.79	810,438.29	17,019,204.08	24,725,000.00	0.69	21.85
	GEREGU	649,545,970.00	30.00	19,486,379.10	974,318.96	20,460,698.06	47,394,420.00	0.43	13.71
	OMOTOSO	434,109,356.00	30.00	13,023,280.68	651,164.03	13,674,444.71	39,459,000.00	0.35	11.00
	OLORUNSOGO	345,815,908.00	30.00	10,374,477.24	518,723.86	10,893,201.10	26,983,600.00	0.40	12.82
AUG	EGBIN	5,224,351,082.00	30.00	156,730,532.46	7,836,526.62	164,567,059.08	478,222,000.00	0.34	10.92
	AES	2,362,293,600.00	30.00	70,868,808.00	3,543,440.40	74,412,248.40	176,322,500.00	0.42	13.40
	SAPELE	1,085,497,446.00	30.00	32,564,923.38	1,628,246.17	34,193,169.55	110,730,000.00	0.31	9.80
	DELTA	677,639,478.00	30.00	20,329,184.34	1,016,459.22	21,345,643.56	137,875,000.00	0.15	4.91
	AFAM	-	30.00	-	-	-	-	-	-
	GEREGU	696,798,938.00	30.00	20,903,968.14	1,045,198.41	21,949,166.55	55,444,860.00	0.40	12.57
	OMOTOSO	564,911,947.00	30.00	16,947,358.41	847,367.92	17,794,726.33	51,434,000.00	0.35	10.98
	OLORUNSOGO	579,629,547.00	30.00	17,388,886.41	869,444.32	18,258,330.73	49,385,300.00	0.37	11.74

Table 8(contd) Gas Consumption Against Energy Generated

MONTH	GENCO	GAS CONSUMED (SCF)	RATE (=N=1000 SCF)	AMOUNT (=N=)	VAT (=N)	TOTAL (=N=)	ENERGY GENERATED (KWH)	COST OF GAS/ ENERGY (=N=KWH)	UNIT OF GAS/ ENERGY (SCF/KWH)
SEPT	EGBIN	5,002,994,872.00	30.00	150,089,846.16	7,504,492.31	157,594,338.47	488,563,000.00	0.32	10.24
	AES	2,108,278,300.00	30.00	63,248,349.00	3,162,417.45	66,410,766.45	176,322,500.00	0.38	11.96
	SAPELE	352,733,486.00	30.00	10,582,004.58	529,100.23	11,111,104.81	29,174,000.00	0.38	12.09
	DELTA	283,710,706.00	30.00	8,511,321.18	425,566.06	8,936,887.24	100,213,500.00	0.09	2.83
	AFAM	-	30.00	-	-	-	-	-	-
	GEREGU	531,268,381.00	30.00	15,938,051.43	796,902.57	16,734,954.00	42,557,400.00	0.39	12.48
	OMOTOSO	563,524,068.00	30.00	16,905,722.04	845,286.10	17,751,008.14	50,645,000.00	0.35	11.13
	OLORUNSOGO	637,795,458.00	30.00	19,133,863.74	956,693.19	20,090,556.93	654,686,000.00	0.03	0.97
OCT	EGBIN	6,428,684,964.00	30.00	192,860,548.92	9,643,027.45	202,503,576.37	612,532,000.00	0.33	10.50
	AES	2,328,828,500.00	30.00	69,864,855.00	3,493,242.75	73,358,097.75	177,074,770.00	0.41	13.15
	SAPELE	953,844,609.00	30.00	28,615,338.27	1,430,766.91	30,046,105.18	84,997,000.00	0.35	11.22
	DELTA	101,024,328.00	30.00	3,030,729.84	151,536.49	3,182,266.33	78,409,600.00	0.04	1.29
	AFAM	278,717,319.00	30.00	8,361,519.57	418,075.98	8,779,595.55	11,886,000.00	0.74	23.45
	GEREGU	696,083,032.00	30.00	20,882,490.96	1,044,124.55	21,926,615.51	55,705,000.00	0.39	12.50
	OMOTOSO	538,358,169.00	30.00	16,150,745.07	807,537.25	16,958,282.32	48,462,500.00	0.35	11.11
	OLORUNSOGO	423,152,273.00	30.00	12,694,568.19	634,728.41	13,329,296.60	38,494,100.00	0.35	10.99
NOV	EGBIN	3,964,893,064.00	30.00	118,946,791.92	5,947,339.60	124,894,131.52	370,935,000.00	0.34	10.69
	AES	2,157,263,200.00	30.00	64,717,896.00	3,235,894.80	67,953,790.80	162,417,940.00	0.42	13.28
	SAPELE	350,380,763.00	30.00	10,511,422.89	525,571.14	11,036,994.03	31,096,000.00	0.35	11.27
	DELTA	1,109,397,728.00	30.00	33,281,931.84	1,664,096.59	34,946,028.43	68,444,800.00	0.51	16.21
	AFAM	13,060,161.00	30.00	391,804.83	19,590.24	411,395.07	176,000.00	2.34	74.21
	GEREGU	658,913,440.00	30.00	19,767,403.20	988,370.16	20,755,773.36	53,652,000.00	0.39	12.28
	OMOTOSO	445,721,386.09	30.00	13,371,641.58	668,582.08	14,040,223.66	40,172,000.00	0.35	11.10
	OLORUNSOGO	811,265,909.00	30.00	24,337,977.27	1,216,898.86	25,554,876.13	74,754,250.00	0.34	10.85
DEC	EGBIN	4,167,201,623.00	30.00	125,016,048.69	6,250,802.43	131,266,851.12	418,543,000.00	0.31	9.96
	AES	2,090,569,200.00	30.00	62,717,076.00	3,135,853.80	65,852,929.80	160,190,200.00	0.41	13.05
	SAPELE	-	30.00	-	-	-	-	-	-
	DELTA	1,191,858,879.00	30.00	35,755,766.37	1,787,788.32	37,543,554.69	77,038,700.00	0.49	15.47
	AFAM	14,318,897.00	30.00	429,566.91	21,478.35	451,045.26	1,929,700.00	0.23	7.42
	GEREGU	666,326,651.00	30.00	19,989,799.53	999,489.98	20,989,289.51	48,760,400.00	0.43	13.67
	OMOTOSO	468,673,840.60	30.00	14,060,215.22	703,010.76	14,763,225.98	43,165,000.00	0.34	10.86
	OLORUNSOGO	243,634,092.00	30.00	7,309,022.76	365,451.14	7,674,473.90	19,686,000.00	0.39	12.38
TOTAL		116,868,756,225.99		3,506,062,686.78	175,303,134.34	3,681,365,821.12			