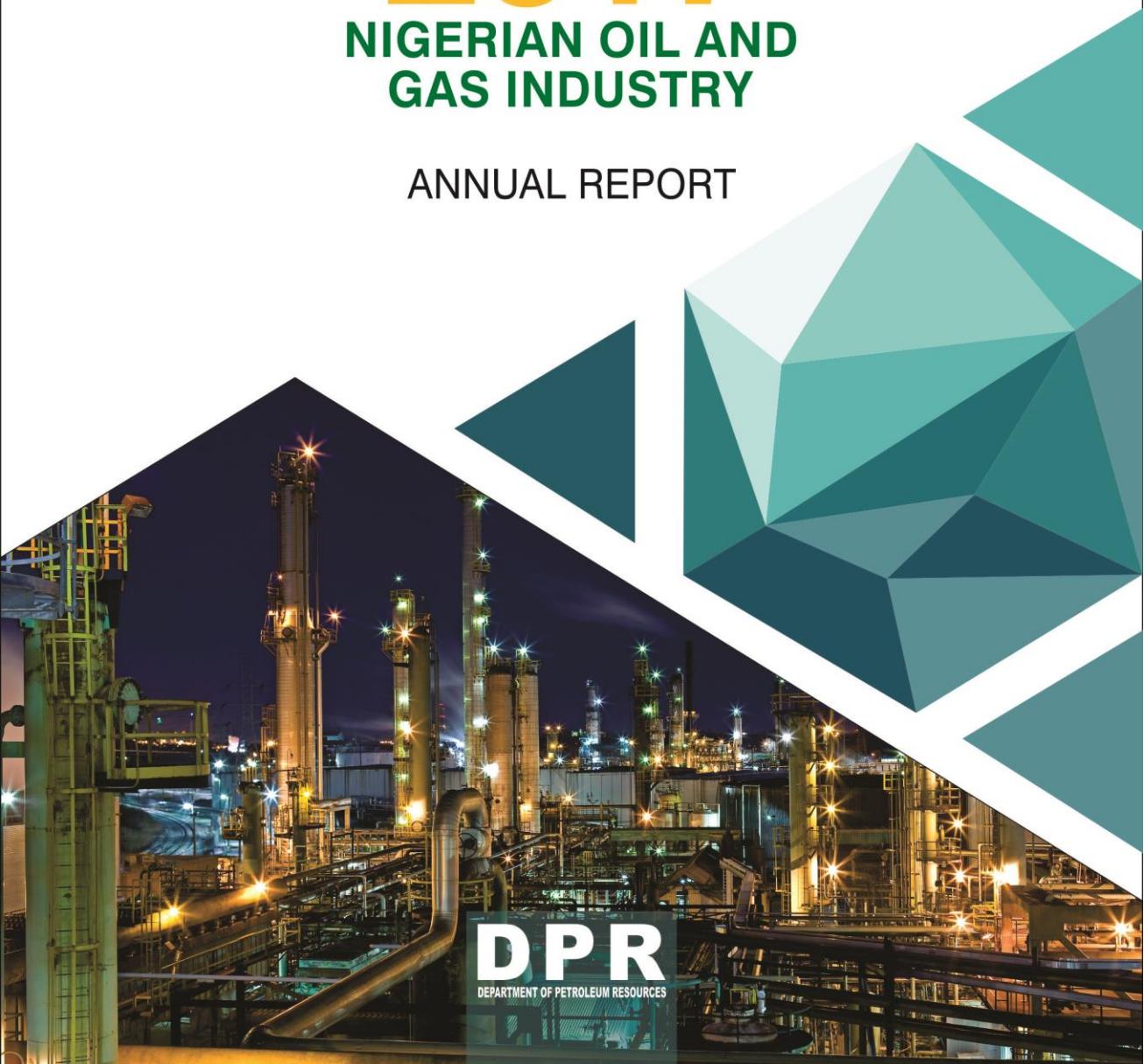




2017

NIGERIAN OIL AND GAS INDUSTRY

ANNUAL REPORT





DEPARTMENT OF PETROLEUM RESOURCES

2017 NIGERIAN OIL AND GAS INDUSTRY ANNUAL REPORT



TABLE OF CONTENTS

1	REMARKS FROM DIRECTOR OF PETROLEUM RESOURCES	7
2	REGULATORY STRUCTURE OF THE NIGERIAN OIL AND GAS INDUSTRY	9
3	THE NIGERIA GAS FLARE COMMERCIALIZATION PROGRAMME	10
4	STATISTICAL DATA	13
4.1	UPSTREAM	13
4.1.1	Concessions	13
4.1.2	Marginal Fields	24
4.1.3	Reserves	25
4.1.4	Exploration	26
4.1.5	Rig Activities	26
4.1.6	Drilling and Well completion	26
4.1.7	Crude Oil/Condensate Production	27
4.2	DOWNSTREAM	58
4.2.1	Refinery Activities	58
4.2.2	Petroleum Product Importation	63
4.2.3	Petroleum Products Importation / Local Production	73
4.2.4	Petroleum Products Average Pricing	74
4.2.5	Retail Outlets	74
4.2.6	Petrochemicals	76
4.2.7	Lubricant Blending Plants	77
4.3	GAS	78
4.3.1	Domestic Gas Supply Obligation (DGSO)	78
4.3.2	2017 DGSO Performance Report	80
4.3.3	Gas Production And Utilization	82
4.3.4	Gas Infrastructures	91
4.3.5	LPG Penetration	96
4.4	HEALTH, SAFETY AND ENVIRONMENT	96
4.4.1	Accident Report	96
4.4.2	Spill Incidence Report	99
4.5	REVENUE PERFORMANCE	107
5	GLOSSARY OF TERMS	108



LIST OF TABLES

Table 1: Status of Oil Mining Leases (OMLs)	13
Table 2: Status of Oil Prospecting Licenses (OPLs)	18
Table 3: Summary Of Acreage Situation As At 31 December 2017	21
Table 4: List of Marginal Fields	24
Table 5: Oil and Gas Reserves	25
Table 6: Seismic Data Acquisition	26
Table 7: Active Rigs by Terrain	26
Table 8: Rig Disposition by Terrain from January to December 2017	26
Table 9: Number of Wells drilled by Terrain	26
Table 10: Wells Drilled by Contract and Class in 2017	27
Table 11: Number of Wells drilled by Class	27
Table 12: 2017 Production Performance*	27
Table 13: 2017 Monthly Production*	29
Table 14: 2017 Petroleum Production by Contract*	29
Table 15: 2017 Fields Summary	30
Table 16: 2017 Summary of Production Deferments	32
Table 17: 2010 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	33
Table 18: 2011 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	35
Table 19: 2012 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	37
Table 20: 2013 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	39
Table 21: 2014 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	41
Table 22: 2015 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	43
Table 23: 2016 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	45
Table 24: 2017 Monthly Summary of Stabilized Crude/ Condensate Volumes by Streams*	47



Table 25: Summary of Stabilized Crude / Condensates Volumes by Streams*	49
Table 26: Summary of Crude / Condensate Export by Crude Stream 2017	51
Table 27: Summary of Crude / Condensate Supply to Local Refineries	53
Table 28: Summary of Crude / Condensate Export	54
Table 29: 2017 Crude Export Destination Summary	55
Table 30: Crude Export Destination History, per cent	56
Table 31: Average Price of Nigeria's Crude Streams as Quoted by Platts in USD*	56
Table 32: Major Oil Production (Addition) Development Project	57
Table 33: Summary of Refineries	58
Table 34: Local Refining Capacities	59
Table 35: 2017 Refinery Production Volumes, Metric Tonnes	59
Table 36: Summary of Refinery Production Volumes, Metric Tonnes	61
Table 37: Status of Licensed Refinery Projects	62
Table 38: 2017 Petroleum Products Volumes as per Import Permits Issued (Metric Tonnes)*	63
Table 39: Petroleum Products Volumes as per Import Permits Issued (Metric Tonnes)*	63
Table 40: Summary of 2017 Petroleum Products Importation by Market Segment, Metric Tonnes	64
Table 41: Summary of 2017 Petroleum Products Importation by Market Segment, Litres	67
Table 42: Petroleum Products Import Summary, Metric Tonnes	70
Table 43: Summary of Petroleum Products Importation by Market Segment	71
Table 44: Petroleum Products Average Consumer Price Range (Naira per Litre)	74
Table 45: Retail Outlets Count and Storage Capacities (Litres)	74
Table 46: Major Petrochemical Plants	76
Table 47: Major Petrochemical Plants Projects	76
Table 48: List of Licensed Base Oil Marketers and Storage Capacities.	77
Table 49: Domestic Gas Supply Obligation for E&P Companies, MMSCF/day	78
Table 50: DGSO Allocation vs Supply Performance	80
Table 51: Summary of Domestic Gas Supply Obligation Performance 2008 to 2017	81
Table 52: Summary of 2017 Gas Production and Utilization	82
Table 53: Summary of Gas Production and Utilization	82



Table 54: 2013 Gas Production and Utilization by Company	83
Table 55: 2014 Gas Production and Utilization by Company	84
Table 56: 2015 Gas Production and Utilization by Company	85
Table 57: 2016 Gas Production and Utilization by Company	86
Table 58: 2017 Gas Production and Utilization by Company	87
Table 59: 2017 LNG Exports, MT	89
Table 60: Summary of Major Gas Facilities	91
Table 61: Status of Major Gas Projects	94
Table 62: 2017 Accident Report – Industry-wide	96
Table 63: 2017 Accident Report – Upstream	97
Table 64: 2017 Accident Report – Downstream	97
Table 65: Accident Report – Upstream	97
Table 66: Accident Report – Downstream	98
Table 67: Accident Report – Industry-wide	98
Table 68: 2017 Spill Incidence Report	99
Table 69: Spill Incidence Summary	100
Table 70: 2017 Report on Produced Water Volumes Generated	100
Table 71: 2017 Drilling Waste Volumes	101
Table 72: 2017 Accredited Waste Managers	101
Table 73: Summary Of Waste Management Facilities	103
Table 74: 2017 Oil Spill Contingency Plan Activation	103
Table 75: Number Of Petitions Received In 2017	103
Table 76: Request For Approvals – Chemicals	104
Table 77: Summary of Accredited Laboratories	104
Table 78: Summary of Drilling Chemicals	104
Table 79: 2017 Approved Production Chemicals Inventory	104
Table 80: Applications For Environmental Restoration Services	105
Table 81: Environmental Studies*	105
Table 82: Offshore Safety Permit (OSP) Summary	105
Table 83: Approved Safety And Medical Emergency Training Centres	106
Table 84: Revenue Performance Summary	107



LIST OF FIGURES

Figure 1: The Nigeria Oil and Gas Industry	9
Figure 2: Flare Gas Impact Matrix	11
Figure 3: Distribution of Nigeria Concession by Lease Contract Type	21
Figure 4: Concession Map showing Open Blocks & PGS 3D Seismic	22
Figure 5: Concession Map showing Open Blocks & Polarcus 2D Seismic Lines	22
Figure 6: Concession Map showing Open Blocks & TGS-Petrodata 2D Seismic	23
Figure 7: Concession Map showing Open Blocks & PGS's Nigeria MegaSurvey	23
Figure 8: Marginal Fields Map, 2002 – 2004	25
Figure 9: 2017 Oil Production on Company Basis	29
Figure 10: Percentage Distribution of Production (BOPD)	30
Figure 11: Stabilized Crude Oil / Condensates Annual Production Volumes	50
Figure 12: Average Price of Nigeria's Crude Streams as Quoted by Platts	56
Figure 13: Product Importation by Market Segment	72
Figure 14: Petrol Local Production vs Importation	73
Figure 15: Diesel Local Production vs Importation	73
Figure 16: Kerosene Local Production vs Importation	73
Figure 17: 2017 Gas Production and Utilization Profile	88
Figure 18: The breakdown of Utilization	88
Figure 19: Monthly LNG Export from NLNG	89
Figure 20: Domestic Gas Sales Versus Sales to NLNG (Export)	89
Figure 21: Gas Flare Profile	90
Figure 22: Gas Utilized Versus Gas Flared	90
Figure 23: Gas Pipeline Map	95
Figure 24: Downstream Versus Upstream Incidents	98
Figure 25: Industry Safety Performance	98



1.0 REMARKS FROM DIRECTOR OF PETROLEUM RESOURCES



MR. MORDECAI D.B. LADAN

The downstream sector often receives scant mention in narrations on the Nigerian oil and gas industry. Although it is a veritable subset of the industry and an important link in the domestic energy value chain, it often appears only as a punctuation mark; an adjunct in the bigger story of the nation's oil and gas industry.

Conventional narrations on the sector are also eerily predictable. Frequently, they feature aging infrastructure and the abysmal local refining capacity. The outmoded product transportation system is also often mentioned to adduce reasons for the relative stagnation of the Nigerian downstream sector.

The data in this report tends to give credence to the traditional views on the Nigerian downstream sector and especially its weak link to the domestic upstream sector. For example, while crude oil production aggregate peaked at 2.07 million bpd during the period, the total installed capacity of the local refineries capacity remains at 446,000 b/d, and the need for growth in the refinery subsector becomes increasingly urgent, considering that capacity utilization in the year under review was merely 8.67%.

The availability of petroleum products in Nigeria continues to depend primarily on the importation of such products. The importation of Premium Motor Spirit (PMS) stood at an average of 45,780,801.90 litres/day; posting a decrease of 7.8% from 2016. For Automotive Gas Oil (AGO) mainly used as fuel for private power generation, the average volume imported for 2017 was 11,641,949.40 litres/day; a decrease of 4.5% when compared with the importation volume for 2016. Average importation for Aviation Turbine Kerosene (ATK) was 1,743,606.53 litres/day in 2017 which is equal to a marginal decrease of 3.86 % when compared to 2016 volumes. The decrease in the importation volumes which may be attributed to an increase in landing costs among other reasons, may have been responsible for the fuel scarcity experienced towards the end of 2017.



The dwindling local refinery production amid the rising demand patterns for petroleum products in 2017 meant that most of the market needs for the year were met by product importation from foreign refineries. The refining gaps further meant that the local economy had limited access to heavy-end refinery products, such as Coke, Asphalt and High Pour Fuel Oil (HPFO) that otherwise could have been locally produced for the value creation in the manufacturing sector had the refineries been running optimally.

The growing population was the major driver of the robust domestic petroleum products market in 2017. Indications are that the market will also post additional growth in the foreseeable future. The robust market situation therefore presents good opportunities for new investments in the area. The refinery-friendly chemistry of the Nigerian crude Oil blend also confers unique prospects for new investments in this area.

Government continued to implement its flare-down programmes in 2017, especially to further carve a niche for the downstream gas sub-sector. The domestic Liquified Petroleum Gas (LPG) market recorded major gains from these initiatives. LPG consumption posted a 3-year cumulative growth of 38%. There are bright indications that the domestic gas utilization would continue to increase as the initiatives on flare-down mature. The LPG market is poised to post more robust growth in subsequent years. It is imperative to continue with policies that would improve the economics across the value chain, to attract new investments into the gas sub-sector.

Overall, the Nigerian oil and gas industry recorded marked improvements on the security situation in the Niger Delta in 2017. This situation accounted for the modest rise in production for most of the period. It is important to sustain the initiatives on peace to reduce operational costs and make the Nigerian petroleum sector more competitive.

This annual report is to acquaint our stakeholders with relevant data on the 2017 operations in the Nigerian oil and gas industry. We hope it would enrich policies and studies on the industry.

A handwritten signature in black ink, appearing to read "MR. MORDECAI D.B. LADAN".

MR. MORDECAI D.B. LADAN
Director of Petroleum Resources



2.0 REGULATORY STRUCTURE OF THE NIGERIAN OIL AND GAS INDUSTRY

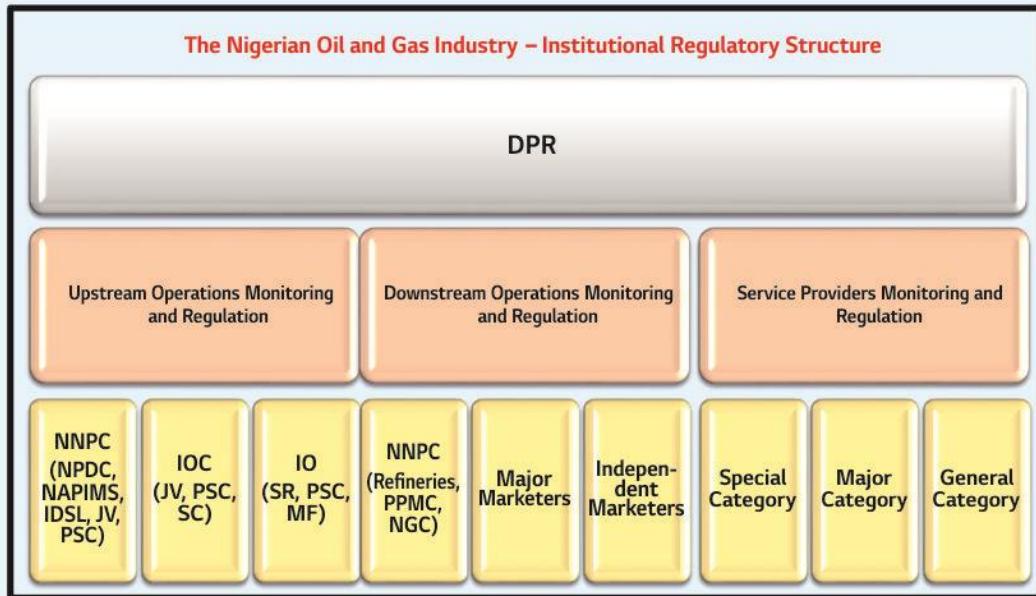


Figure 1: The Nigeria Oil and Gas Industry

Department of Petroleum Resources is the regulatory agency of the oil and gas industry in Nigeria. Specifically, the roles of the Department include:-

1. Conservation of Nigeria's Hydrocarbon Resources
2. Regulation and Monitoring of industry activities to ensure compliance with best standards & practices
3. Ensure safe, and environmentally sustainable development of the oil and gas operations' activities
4. Maintenance and administration of the national repository for archiving and retrieval of oil and gas data
5. Administration & management of acreages and concessions
6. Implementation of all government policies



3.0 THE NIGERIA GAS FLARE COMMERCIALIZATION PROGRAMME (NGFCP)

The NGFCP was conceived to address the challenge of routine gas flaring in the Niger Delta towards realization of year 2020 target for zero flare. The Programme, which leverages on the Paragraph 34 (b) (i) of the First Schedule to the Petroleum Act 1969 (as amended) that confers on the Federal Government the right to take natural gas produced with crude oil by the oil companies free of cost at the flare or at an agreed cost and without payment of royalty, aims at commercializing gas flares that are amenable to use through matured and commercially deployable flare capture technologies. It will introduce an award regime for the grant of Right to Access Associated Gas at Flare to deserving entities in collaboration with licencees or lessees of the oil producing fields.

There are more than 16,000 flare sites in 90 countries with a cumulative flared gas volume of about 150 BCM per year. This volume is roughly equivalent to...

- Gas use in all US residences for a year
- 5% of global natural gas production
- 23% of US natural gas use
- 30% of EU natural gas use
- US\$10 Billion lost revenue at \$2.00 per MMBtu
- 2.4 Million barrels of oil equivalent per day

And Nigeria gas flares, though on a consistent downward trend, still accounts for a reasonable percentage of that volume. Effect of this on the climate are well documented with estimated volumes of CO₂ released to the atmosphere therefrom of between 350 and 400 million tonnes per year. This volume is roughly equivalent to...

- Annual emissions from 77 Million cars (34% of US fleet)
- 2% of global CO₂ emissions from energy sources
- US\$6 Billion carbon credit value at \$15.00 per Metric Tonne
- 20% of global steel industry CO₂ emissions
- 35% of global cement industry CO₂ emissions
- Output from 125 medium-sized coal plants about 63 gigawatts (GW)
- 63 GW is ~20% of the current US coal fleet
- 63 GW is ~67% of India's current coal fleet



Preliminary groundwork, case studies and economic analysis of various flare gas utilization options for the country have been done. Major highlights from the economic analysis include:

- Harnessing gas from the top 50 flare points would reduce volume of flared gas by 80%, given 2015 gas flare locations and volumes as the baseline;
- Over 178 flare points collectively flare about 1 billion scf of gas;
- Majority of the gas flaring locations (about 65% of them) are onshore;
- At least 80% of gas from the flaring locations can be viably utilized;
- Although pipelines present the most viable option for transporting gas, scalable, containerized, skid mounted/barge type technologies & compressed natural gas trucks would be preferred for security and other reasons;
- About 3.5 billion US Dollars' worth of inward investments is required to achieve the gas flare commercialization targets by 2020.
- Everybody wins

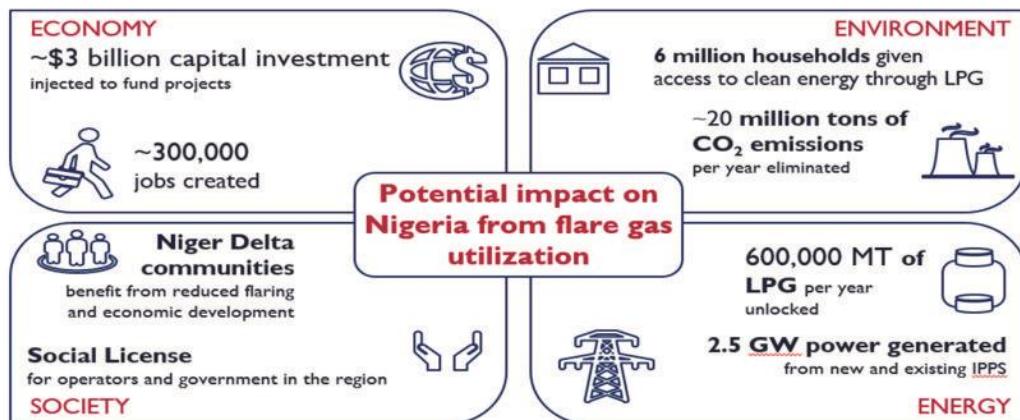


Figure 2: Flare Gas Impact Matrix

A regulation that backs the NGFCP Programme has been drafted and submitted for presidential assent. The programme will be institutionalized as a regulatory duty in the DPR, who have commenced the development of programme implementation guidelines.



The Programme, whose objective is to accelerate investment through third-party access to capture and utilise flared gas to ensure the attainment of the Zero Routine Gas Flaring by 2020, recorded some significant developments in 2017, which include:

- ✓ Data collation & synthesis preparatory to the launch of gas flare bundle bid round in 2018.
- ✓ Provision of project office Abuja for the NGFCP implementation team.
- ✓ Peer review of the guideline and bid process for third party access to gas at flare points.
- ✓ Development of Data Classification Template for standardized reporting by Operators.
- ✓ Review of the draft Gas Flaring (Prohibition) Bill, 2017

The Bid process will take place in 2018. Interested investors are encouraged to register free on the programme portal, www.ngfcp.gov.ng



4.0 STATISTICAL DATA

4.1 UPSTREAM

4.1.1 Concessions

Table 1: Status of Oil Mining Leases (OMLs)

S/N	Concession Held	Type Of Grant	Area (Sq.Km)	Equity Distribution	Basin / Terrain	Operator	Date Of Grant	Date Of Lease Expiration
1	OML 29	JYC	983	AIETO-45%; NNPC-55%	Niger Delta (Onshore)	Altéo Eastern E&P Co. Ltd (Altéo)	01.07.1989	30.06.2019
2	OML 120	SR	910	Allied-97.5%; CAMAC-2.5% (Erin Energy-100%)	Niger Delta (Deep Offshore)	Allied Energy Resources Nig. Ltd	27.02.2001	26.02.2021
3	OML 121	SR	885	Allied-97.5%; CAMAC-2.5% (Erin Energy-100%)	Niger Delta (Cont. Shelf)	Allied Energy Resources Nig. Ltd	27.02.2001	26.02.2021
4	OML 112	SR	438	AMNI-60%; ELF-40%	Niger Delta (Cont. Shelf)	Amni International Petroleum Ltd	12.02.1998	12.02.2018
5	OML 117	SR	51	AMNI-60%; ELF-40%	Niger Delta (Cont. Shelf)	Amni International Petroleum Ltd	06.08.1999	50.08.2019
6	OML 52	JYC	247	AMNI OML 52-40% NNPC-60%	Niger Delta (Onshore)	Amni Int'l Petcr Dev. Co. Ltd	14.06.1997	13.06.2027
7	OML 109	SR	772	ATUAS-70%; SUMMIT OIL-30%	Niger Delta (Continental Shelf)	Atlas Petroleum Nig. Ltd	25.05.1996	24.05.2016
8	OML 55	JYC	849	Balema Oil-40%; NNPC-60%	Niger Delta (Onshore)	Balema Oil Producing Ltd.	14.06.1997	13.06.2027
9	OML 110	SR	966	Cavendish-100% (Cavendish-100%; Nikoil-40%)?	Niger Delta (Cont. Shelf)	Cavendish Petroleum Nig. Ltd	07.08.1996	6.08.2016
10	OML 49	JYC	1707	NNPC-60%; CNL-40%	Niger Delta (Onshore)	Chevron Nig. Ltd.	14.06.1997	13.06.2027
11	OML 51	JYC	145	NNPC-60%; CNL-40%	Niger Delta (Onshore)	Chevron Nig. Ltd.	14.06.1997	13.06.2027
12	OML 89	JYC	364	NNPC-60%; CNL-40%	Niger Delta (Cont. Shelf)	Chevron Nig. Ltd.	18.08.2014	17.08.2034
13	OML 91	JYC	157	NNPC-60%; CNL-40%	Niger Delta (Continental Shelf)	Chevron Nig. Ltd.	18.08.2014	17.08.2034
14	OML 86	JYC	385	NNPC-60%; CNL-40%	Niger Delta (Cont. Shelf)	Chevron Nig. Ltd.	18.08.2014	17.08.2034
15	OML 88	JYC	773	NNPC-60%; CNL-40%	Niger Delta (Continental Shelf)	Chevron Nig. Ltd.	18.08.2014	17.08.2034
16	OML 90	JYC	653	NNPC-60%; CNL-40%	Niger Delta (Continental Shelf)	Chevron Nig. Ltd.	18.08.2014	17.08.2034
17	OML 95	JYC	1217	NNPC-60%; CNL-40%	Niger Delta (Continental Shelf)	Chevron Nig. Ltd.	18.08.2014	17.08.2034
18	OML 132	PSC	804	CHEVRON-100%	Niger Delta (Deep Offshore)	Chevron Nig. Ltd.	20.12.2005	19.12.2025
19	OML 131	PSC	1210	Oando-52.5%; Exxon Mobil-47.5%	Niger Delta Deep Offshore)	Oando Plc	24.04.2005	23.04.2025
20	OML 103	SR	914	CONOIL -100%	Niger Delta (Onshore)	Conoil Producing Ltd	02.06.1993	01.06.2013
21	OML 136	SR	1295	CONOIL-60% TOTAL-40%	Niger Delta (Continental Shelf)	Conoil Producing Ltd	27.07.2006	26.07.2026
22	OML 59	SR	836	CONOIL-100%	Niger Delta Onshore	Continental Oil & Gas Company Ltd. (CONOG)	06.06.1998	05.06.2018
23	OML 150	PSC	428	CONOIL-100%	Niger Delta Onshore	Continental Oil & Gas Company Ltd	10.03.2016	09.03.2036
24	OML 96	SR	221	DUBRI -100%	Niger Delta (Onshore)	Dubri Oil Co. (Nig.) Limited	02.05.2013	01.05.2033
25	OML 138	PSC	656	SNIOPC-20%; EXXON-30%; CNL-30%; NEXEN-20%	Niger Delta (Deep Offshore)	Total Exp & Prod Nig. Ltd.	17.05.2007	16.05.2017
26	OML 139	PSC	656	TOTAL-100%	Niger Delta (Deep Offshore)	Total Exp & Prod Nig. Ltd.	17.05.2007	16.05.2017



S/N	Concession Held	Type Of Grant	Area (Sq.Km)	Equity Distribution	Basin / Terrain	Operator	Date Of Grant	Date Of Lease Expiration
27	OML 99	JYC	171	NNPC-60%, TOTAL-40%	Niger Delta (Continental Shelf)	Total Exp & Prod Nig. Ltd.	02/05/2013	01/05/2033
28	OML 100	JYC	179	NNPC-60%, TOTAL-40%	Niger Delta (Continental Shelf)	Total Exp & Prod Nig. Ltd.	02/05/2013	01/05/2033
29	OML 102	JYC	796	NNPC-60%, TOTAL-40%	Niger Delta (Continental Shelf)	Total Exp & Prod Nig. Ltd.	02/05/2013	01/05/2033
30	OML 58	JYC	518	NNPC-60%, TOTAL-40%	Niger Delta (Onshore)	Total Exp & Prod Nig. Ltd.	14/06/2007	13/06/2027
31	OML 141	SR	1295	Emerald-53.9%, Amni Intnl-44.1%, Supernova Energy (Bluewater Group)-2%	Niger Delta (Onshore)	Emerald Energy Res. Ltd	08/11/2007	07/08/2027
32	OML 148	PSC	870	Enagued 100%	Niger Delta (Onshore)	Enagued Resources Ltd.	15/05/2015	14/05/2035
33	OML 118	JYC	1035	Erotan-45%, NNPC-55%	Niger Delta (Onshore)	Erotan E&P Co. (Eraton)	01/07/2009	30/06/2019
34	OML 133	PSC	1100	EXXON-56.25%, SNEPCO-43.75%	Niger Delta (Deep Offshore)	Esso E & P. Ltd	08/02/2006	07/02/2026
35	OML 145	PSC	1293	ESSO 20% Svenska 20%, Phillips 20%, Chevron 20%, NPDC 15%, Saod 5%	Niger Delta (Deep Offshore)	Esso E & P. Ltd	30/05/2014	29/05/2034
36	OML 108	SR	759	Express-57.2%, Shebbani-40% CAMAC-2.5%	Niger Delta (Continental Shelf)	Express Petroleum & Gas Co Ltd	01/11/1995	31/10/2015
37	OML 83	JYC	109	First E&P/Dangote-45%, NNPC-55%	Niger Delta (Continental Shelf)	First E&P	18/08/2014	17/08/2034
38	OML 85	JYC	515	First E&P/Dangote-45%, NNPC-55%	Niger Delta (Continental Shelf)	First E&P	18/08/2014	17/08/2034
39	OML 71	JYC	730	WAEP/Dangote-45%, NNPC-55%	Niger Delta (Continental Shelf)	West African E&P Co. Ltd (Waep)	18/12/2014	17/12/2034
40	OML 72	JYC	1129	WAEP/Dangote-45%, NNPC-55%	Niger Delta (Continental Shelf)	West African E&P Co. Ltd (Waep)	18/12/2014	17/12/2034
41	OML 149	PSC	941	NAOC -48% Global Energy 42% BLJ Energy Ltd - 10%	Niger Delta (Onshore)	GEC Petroleum Development Company Ltd (Global Energy)	05/02/2015	04/02/2035
42	OML 151	PSC	171	GEC 100%	Niger Delta (Continental Shelf)	GEC Petroleum Development Company Ltd	10/03/2016	09/03/2036
43	OML 127	SR	1281	NNPC-50%, CNL-32%, FAMFA-10% PETROBRAS-8%	Niger Delta Deep Offshore	Star Deep Water Petroleum Limited	25/11/2004	24/11/2024
44	OML 104	JYC	675	NNPC-60%, MPN-40%	Niger Delta (Continental Shelf)	Mobil Producing Nig. Unlimited	14/01/1998	13/01/2018
45	OML 67	JYC	119	NNPC-60%, MPN-40%	Niger Delta (Continental Shelf)	Mobil Producing Nig. Unlimited	11/03/2011	10/03/2031
46	OML 68	JYC	119	NNPC-60%, MPN-40%	Niger Delta (Continental Shelf)	Mobil Producing Nig. Unlimited	11/03/2011	10/03/2031
47	OML 70	JYC	1250	NNPC-60%, MPN-40%	Niger Delta (Continental Shelf)	Mobil Producing Nig. Unlimited	11/03/2011	10/03/2031
48	OML 114	SR	464	Manipulo-60% CAMAC-40%	Niger Delta (Continental Shelf)	Moni Pulo Ltd	03/01/1999	02/01/2019
49	OML 24	JYC	162	Newcross E&P-45%, NNPC-55%	Niger Delta (Onshore)	Newcross E & P	01/07/2009	30/06/2019
50	OML 152	PSC	990	Newcross Pet-100%	Niger Delta (Onshore)	Newcross Petroleum Ltd.	14/03/2017	13/03/2037
51	OML 134	PSC	1131	ENI-85% OANDO-15%	Niger Delta (Deep Offshore)	Nigeria Agip Exploration (Nae)	31/05/2006	30/05/2026



S/N	Concession Held	Type Of Grant	Area (Sq.Km)	Equity Distribution	Basin / Terrain	Operator	Date Of Grant	Date Of Lease Expiration
52	OML 125	PSC	1219	ENI-85%, OANDO-15%	Niger Delta (Deep Offshore)	Nigeria Agip Exploration (Nae)	02.01.2003	01.01.2023
53	OML 60	SR	358	NPDC-60%, NAOC-20%, OANDO-20%	Niger Delta (Onshore)	Nigeria Agip Oil Co. Ltd.	14.06.1997	13.06.2027
54	OML 61	SR	1500	NPDC-60%, NAOC-20%, OANDO-20%	Niger Delta (Onshore)	Nigeria Agip Oil Co. Ltd.	14.06.1997	13.06.2027
55	OML 62	SR	1211	NPDC-60%, NAOC-20%, OANDO-20%	Niger Delta (Onshore)	Nigeria Agip Oil Co. Ltd.	14.06.1997	13.06.2027
56	OML 63	SR	2246	NPDC-60%, NAOC-20%, OANDO-20%	Niger Delta (Onshore)	Nigeria Agip Oil Co. Ltd.	14.06.1997	13.06.2027
57	OML 116	SC	360	ENI-100%	Niger Delta (Continental Shelf)	Agip Energy And Natural Resources (AENR)	06.08.1979	05.08.2019
58	OML 126	PSC	705	Addax-100%	Niger Delta (Continental Shelf)	Addax Petroleum (Addax)	25.11.2004	24.11.2024
59	OML 137	PSC	849	Addax-100%	Niger Delta (Continental Shelf)	Addax Petroleum (Addax)	23.04.2007	22.04.2027
60	OML 123	PSC	401	Addax-100%	Niger Delta (Continental Shelf)	Addax Petroleum (Addax)	14.08.2002	13.04.2022
61	OML 124	PSC	300	Addax-100%	Niger Delta (Onshore)	Addax Petroleum (Addax)	14.08.2002	13.04.2022
62	OML 40	SR	498	NPDC-55% ELCEREST-45%	Niger Delta (Onshore)	NPDC	01.07.1989	30.06.2019
63	OML 42	SR	814	Neconde-45%, NPDC-55%	Niger Delta (Onshore)	NPDC	01.07.1989	30.06.2019
64	OML 26	SR	165	First Hydrocarbon-45%, NPDC-55%	Niger Delta (Onshore)	NPDC	01.07.1989	30.06.2019
65	OML 34	SR	950	NPDC-55%, ND WESTERN-45%	Niger Delta (Onshore)	NPDC	01.07.1989	30.06.2019
66	OML 119	SR	715	NPDC-100%	Niger Delta (Continental Shelf)	Nigeria Pet. Dev. Co. (NPDC)	31.10.2000	30.10.2020
67	OML 111	SR	461	NPDC-100%	Niger Delta (Onshore)	Nigeria Pet. Dev. Co. (NPDC)	1996	2016
68	OML 64	SR	278	NPDC-100%	Niger Delta (Onshore)	Nigeria Pet. Dev. Co. (NPDC)	.09.1989	9.2019
69	OML 65	SR	1019	NPDC-100%	Niger Delta (Onshore)	Nigeria Pet. Dev. Co. (NPDC)	.09.1989	9.2019
70	OML 66	SR	204	NPDC-100%	Niger Delta (Onshore)	Nigeria Pet. Dev. Co. (NPDC)	07.09.1989	06.09.2019
71	OML 13	SR	1988	NPDC-100%	Niger Delta (Onshore)	Nigeria Pet. Dev. Co. (NPDC)	20.12.2016	19.12.2036
72	OML 30	JVC	1097	NPDC-55%, SHORELINE NAT RESOURCES-45%	Niger Delta (Onshore)	NNPC/Shoreline Natural Resources Ltd	01.07.89	30.06.2019
73	OML 140	SR	1220	PSA Partner/Oil&Gas 10%, Star Ultra Deep 40%, PSC Partner: NNPC 50%	Niger Delta (Deep offshore)	Oil And Gas Nig. Ltd.	18.07.07	17.07.2027
74	OML 115	SR	310	ORIENTAL-60%, AFREN-40%	Niger Delta (Continental Shelf)	Oriental Energy Resources Ltd	20.5.1999	19.5.2019
75	OML 98	JVC	523	NNPC-60%, PANOCLEAN-40%	Niger Delta (Onshore)	NNPC/Pan Ocean Oil Corporation	.06.1976	07.07.2018
76	OML 147	PSC	544	Panoclean 100%	Niger Delta (Onshore)	Pan Ocean/Aniona	23.10.2014	22.10.2034
77	OML 122	SR	1295	PEAK-(95 OIL/88 GAS), OANDO(5 OIL/12 GAS)	Niger Delta (Continental Shelf)	Peak Petroleum Industries Nig. Ltd	17.05.2001	16.05.2021



S/N	Concession Held	Type Of Grant	Area (Sq.Km)	Equity Distribution	Basin / Terrain	Operator	Date Of Grant	Date Of Lease Expiration
78	OML 4	SR	267	SEPLAT-45%, NPDC-55%	Niger Delta (Onshore)	SEPLAT	01.07.1989	30.06.2019
79	OML 38	SR	2152	SEPLAT-45%, NPDC-55%	Niger Delta (Onshore)	SEPLAT	01.07.1989	30.06.2019
80	OML 41	SR	291	SEPLAT-45%, NPDC-55%	Niger Delta (Onshore)	SEPLAT	01.07.1989	30.06.2019
81	OML 53	JVC	1562	SEPLAT-45% NNPC-55%	Niger Delta (Onshore)	SEPLAT	14.06.1997	13.06.2027
82	OML 11	JVC	3097	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
83	OML 17	JVC	1301	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
84	OML 20	JVC	405	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
85	OML 21	JVC	372	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
86	OML 22	JVC	722	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
87	OML 23	JVC	483	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
88	OML 25	JVC	429	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
89	OML 27	JVC	165	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
90	OML 28	JVC	936	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
91	OML 31	JVC	1097	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
92	OML 32	JVC	565	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
93	OML 33	JVC	336	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
94	OML 35	JVC	1144	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
95	OML 36	JVC	338	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
96	OML 43	JVC	767	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
97	OML 45	JVC	76	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
98	OML 46	JVC	1080	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Onshore)	Shell Petroleum Development Company (SPDC)	01.07.1989	30.06.2019
99	OML 74	JVC	1324	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Continental Shelf)	Shell Petroleum Development Company (SPDC)	18.12.2014	17.12.2034
100	OML 77	JVC	962	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Continental Shelf)	Shell Petroleum Development Company (SPDC)	18.12.2014	17.12.2034
101	OML 79	JVC	970	NNPC-55%, SPDC-30%, ELF-10%, AGIP-5%	Niger Delta (Continental Shelf)	Shell Petroleum Development Company (SPDC)	18.12.2014	17.12.2034
102	OML 118	PSC	1167	SNEPCO-55%, EXXON-20% ENI-12.5% ELF-12.5%	Niger Delta(Deep Offshore)	Shell NigExp & Prod. Co. Ltd (SNEPCO)	28.11.2005	27.11.2025
103	OML 135	PSC	926	SNEPCO-55%, EXXON-20% ENI-12.5% ELF-12.5%	Niger Delta (Deep Offshore)	Shell NigExp & Prod. Co. Ltd (SNEPCO)	03.07.2006	02.07.2026



S/N	Concession Held	Type Of Grant	Area (Sq.Km)	Equity Distribution	Basin / Terrain	Operator	Date Of Grant	Date Of Lease Expiration
104	OML 130	SR	1295	CINOC-45%, SOUTHLAT-15%, PETROBRAS-16%, TOTAL-24%	Niger Delta (Deep Offshore)	South Atlantic Pet. Ltd.	25.04.2005	24.04.2025
105	OML 128	PSC	1198	STATOIL-53.85% CNL-46.15%	Niger Delta (Deep Offshore)	Statoil (Nigeria) Limited	28.12.2004	27.12.2024
106	OML 129	PSC	1023	STATOIL-53.85% CNL-46.15%	Niger Delta (Deep Offshore)	Statoil (Nigeria) Limited	28.12.2004	27.12.2024
107	OML 142	SR	1295	Summit-30%, Sunterra-70%	Anambra Basin (Onshore)	Summit Oil International	12.06.2009	11.06.2029
108	OML 144	SR	96	Sunlink-60% Shell-40%	Niger Delta (Continental Shelf)	Sunlink Petroleum Limited	02.05.2013	01.05.2033
109	OML 146	PSC	29	Sterling Global 51% Domon 24% Kunoch 15%, Primestone 10%	Niger Delta (Onshore)	Sterling Oil E&P Production Co. Ltd (SEEPSCO)	25.10.2014	24.10.2034
110	OML 143	PSC	369	Sterling Global 80% Allene 20%	Niger Delta (Onshore)	Sterling Oil E&P Production Co. Ltd (SEEPSCO)	29.12.2010	28.12.2030
111	OML 113	SR	1670	Yinka Pet-69% (MTOOL-12.83% EER-9% Pan Petroleum-6.502% and MX Oil Plc-2.667%)	Benin Basin (Continental Shelf)	Yinka Folawiyo Pet. Co. Ltd	01.06.1998	31.05.2018



Table 2: Status of Oil Prospecting Licenses (OPLs)

S/N	Concession Held	Contract Type	Area (Sq.Km)	Equity Distribution	Geological Location/ Terrain	Name of Company	Year Of Award/ Grant/ Conversion/ Renewal	Date Of Expiration
1	OPL 907	PSC	2498	AGER 11%, Biston Energy 25%, Allene E&P 14%, Kaztee 5%, Vp Energy 3%, De Arai 2%, Bepta 10% 10%, Galad 13%	Anambra Basin	Afren Global Energy Resources Limited	2005	19/02/2018
2	OPL 917	PSC	1710	AGER 42%, Vp Energy 18%, Petrolog 17%, De Arai	Anambra Basin	Afren Global Energy Resources Limited	2005	19/02/2018
3	OPL 452	SR	522	Almagated Oil 100%	Niger Delta (Onshore)	Amalgamated Oil Co. Ltd.	1992	24/05/2016
4	OPL 325	PSC	1265	Ashbirt 80%, Npdc 20%	Berin Basin (Deep Offshore)	Ashbirt Oil & Gas Ltd./Npdc/Train-Cosy Energy	2005	-
5	OPL 286	PSC	804	BG 66%, SAHARA 24%, EQUINIX 10%	Niger Delta (Deep Offshore)	Sahara/BG Exp. Nl. Ltd.	2006	07/03/2017
6	OPL 240	PSC	48	Bayelsa Oil Comp & Tianjin Energy Resources	Niger Delta (Continental Shelf)	BDC/JNHP Consortium	2007	-
7	OPL 471	PSC	1370	CNODC 90%, SEVEN WAVES 10%	Niger Delta (Continental Shelf)	China National Oil Dev. Co (Cnoco)	2006	22/04/21017
8	OPL 257	PSC	426	Continental Oil And Gas 50%, Tupni 40%, Tiger Head 10%	Niger Delta (Deep Offshore)	CONOIL Producing Ltd	2005	08/02/2016
9	OPL 289	PSC	386	Cleawaters 90%, Seven Waves 10%	Niger Delta (Continental Shelf)	Cleawaters Consortium	2006	22/04/2012
10	OPL 290	PSC	531	CONOIL 100%	Niger Delta (Continental Shelf)	Conoil Producing Ltd	2007	16/10/2013
11	OPL 305	SR	1558	Crownwell 60%, Platinum Natural Res. 40%	Benin Basin	Crownwell Petroleum Ltd	1993	18/05/2020
12	OPL 306	SR	1889	Crownwell 60%, Platinum Natural Res. 40%	Benin Basin	Crownwell Petroleum Ltd	1993	18/05/2020
13	OPL 322	SR	1789	Dajo 100%	Niger Delta (Deep Offshore)	Dajo Oil Limited	30/03/2004	26/03/2019
14	OPL 204	SR	1670	AFRICOIL 100%	Niger Delta (Onshore)	Africoil & Marketing Co. Ltd.	10/08/1993	08/07/2010
15	OPL 251	PSC	940	DSV 100%	Niger Delta (Deep Offshore)	DSV Petroleum Limited	16/12/2012	-
16	OPL 221	PSC	2286	TEPONG 60%, CHEVRON 40%	Niger Delta (Deep Offshore)	Total Exp. & Prod. Nl. Ltd.	19/11/2003	18/11/2013
17	OPL 227	SR	974	Express 39%, PPI 15%, Niger Delta E&P 6%, (40% Outstanding)	Niger Delta (Continental Shelf)	Express Petroleum & Gas Co. Ltd / Petroleum Prospects Int'l Limited	2000	02/12/2018
18	OPL 226	PSC	1257	Estar 100%	Niger Delta (Continental Shelf)	Estar E&P Limited	18/05/2007	09/03/2015
19	OPL 233	PSC	920	TEPNIG 18%, Esso 27%, Chevron 275, Nenex 18%, NPDC 10%	Niger Delta (Deep Offshore)	Esso E & P Ltd.	19/07/2005	18/07/2015
20	OPL 235	SR	1480	FIRST ARIES (OP) 60%, MAJESTIC INC 40%	Niger Delta (Onshore)	First Aries Petroleum Ltd.	10/08/1993	-
21	OPL 905	PSC	2600	GTPL 100%	Anambra	Gas Transmission & Power Limited	23/04/2007	22/04/2017
22	OPL 2010	PSC	179	GPDC 100%	Niger Delta (Continental Shelf)	GEC Petroleum Development COMPANY Ltd (Global Energy)	18/05/2007	29/12/2015
23	OPL 2012	PSC	849	Sigmund 94%, Grasso & Consortium 65	Niger Delta (Continental Shelf)	Grasso Nig. Ltd./Sigmund Oil Fields Ltd.	16/06/2012	17/06/2019
24	OPL 247	SR	1165	NNPC 50%, Esso 40%, Heritage 7%, Kendu 3%	Niger Delta (Deep Offshore)	Heritage Oil & Gas Co. Ltd.	3.1999	05/04/2019



S/N	Concession Held	Contract Type	Area (Sq.Km)	Equity Distribution	Geological Location/ Terrain	Name of Company	Year Of Award/ Grant/ Conversion/ Renewal	Date Of Expiration
25	OPL 252	PSC	814	INC 100%	Niger Delta (Deep Offshore)	INNC Natural Resources	2006	-
26	OPL 292	PSC	1195	INC 100%	Niger Delta (Deep Offshore)	INNC Natural Resources	2006	-
27	OPL 234	PSC	1214	Monipulo 100%	Niger Delta (Onshore)	Moni Pulo Ltd.	2007	15.12.2013
28	OPL 239	PSC	65	Monipulo 100%	Niger Delta (Continental Shelf)	Moni Pulo Ltd.	2007	15.12.2013
29	OPL 231	PSC	244	Monipulo 100%	Niger Delta (Onshore)	Moni Pulo Ltd.	2007	16.05.2016
30	OPL 276	PSC	472	Newcross 60%, Albright Waves Pet Dev 40%	Niger Delta (Onshore)	Newcross Petroleum Ltd.	16.02.2006	20.01.2017
31	OPL 733	PSC	2611	NNDC 100%	Chad Basin	New Nigeria Development Company Limited	2005	07.08.2016
32	OPL 809	PSC	2581	NNDC 100%	Benue Trough	New Nigeria Development Company Limited	2005	07.08.2016
33	OPL 810	PSC	2584	NNDC 100%	Benue Trough	New Nigeria Development Company Limited	2005	07.08.2016
34	OPL 722	PSC	2540	NNDC 100%	Chad Basin	New Nigeria Development Company Limited	2005	07.08.2016
35	OPL 244	PSC	1700	NAE 60% Svenska 30%, NPDC 10%	Niger Delta (Deep Offshore)	Nigeria Agip Exploration	2000	19.12.2011
36	OPL 282	PSC	695	NAOC 90%, Alliance 10% (OANDO 4%, ARC OIL AND GAS 6%)	Niger Delta (Continental Shelf)	Nigeria Agip Oil Co. Ltd.	2005	07.09.2015
37	OPL 291	PSC	1287	STARCREST 27.5%, (72.5% Outstanding)	Niger Delta (Deep Offshore)	Starcrest Limited	2006	15.10.2016
38	OPL 702	SR	2574	NNPC/FES 100%	Chad Basin	NNPC/FES	1967	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990
39	OPL 703	SR	2772	NNPC/FES 100%	Chad Basin	NNPC/FES	1967	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990
40	OPL 705	SR	2547	NNPC/FES 100%	Chad Basin	NNPC/FES	1967	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990
41	OPL 707	SR	2582	NNPC/FES 100%	Chad Basin	NNPC/FES	1967	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990
42	OPL 242	PSC	1789	NPDC 50%, STARCREST 35%, CROSSEIVER 10%, OBERPA 5%	Niger Delta (Deep Offshore)	Nigeria Pet. Dev. Co. (Npdc)	07.03.2011	-
43	OPL 233	PSC	126	NIJGEL 100%	Niger Delta (Continental Shelf)	Nijg-Del United Ltd.	2006	29.06.2016
44	OPL 215	SR	2586	Moreast 100%	Niger Delta (Deep Offshore)	Moreast Pet. Nig. Ltd.	21.10.1991	20.04.2020
45	OPL 326	SR	1652	Northsouth Pet. 100%	Niger Delta (Deep Offshore)	Northsouth Petroleum Ltd	13.05.1999	-
46	OPL 236	PSC	1652	OANDO 95%, RFO VENTURES 5%	Niger Delta (Onshore)	OANDO PLC	2005	07.09.2011
47	OPL 278	PSC	92	OANDO 100% (OANDO 60%, CAMAC 15%, ALLIED 15%, FIRST ANS 10%)	Niger Delta (Onshore)	OANDO PLC	2005	07.09.2015
48	OPL 241	PSC	1257	Oilworld 20%, Ovenera Oil And Gas Ltd 80%	Niger Delta (Deep Offshore)	Oilworld Limited	2007	09.03.2020
49	OPL 285	PSC	1167	OMEL 45.5%, EMO 40% (14.5% Outstanding)	Niger Delta (Deep Offshore)	Emo E&P/Total E&P Ltd	2006	22.03.2017
50	OPL 279-N	PSC	1103	OMEL 45.5%, TUPIN 14.5%, EMO 40%	Niger Delta (Deep Offshore)	Emo E&P/Total E&P Ltd	2006	22.02.2017



S/N	Concession Held	Contract Type	Area (Sq.Km)	Equity Distribution	Geological Location/Terrain	Name of Company	Year Of Award/ Grant/ Conversion/ Renewal	Date Of Expiration
51	OPL 297	PSC	1290	ONGC 100%	Niger Delta (Deep Offshore)	ONGC - MITTA ENERGY NIGERIA LTD (OMEL)	2006	-
52	OPL 310	SR	1935	Optimum 60% Mayfair Assets And Trust Ltd 17.14% (22.86% Outstanding)	Benin Basin (Continental Shelf)	Optimum Petroleum Development Limited	1992	09/06/2018
53	OPL 915	SR	1195	Orient Petroleum 100%	Anambra Basin	Orient Pet. Refinery Ltd.	31/01/2005	29/01/2015
54	OPL 916	SR	963	Orient Petroleum 100%	Anambra Basin	Orient Pet. Refinery Ltd.		
55	OPL 320	PSC	1789	Oranto 65% Orandi 35%	Benin Basin (Deep Offshore)	Oronto Petroleum Ltd.	2002	16/07/2021
56	OPL 293	PSC	1023	Oronto 100%	Niger Delta (Deep Offshore)	Oronto Petroleum Ltd.	2015	-
57	OPL 284	PSC	1131	Sahara 45% Bg 45% Lotus 10%	Niger Delta (Deep Offshore)	Sahara Energy E&P	17/07/2006	06/07/2017
58	OPL 228	PSC	1915	Sahara Energy Field 100%	Niger Delta (Onshore)	Sahara Energy E&P	11/03/2007	-
59	OPL 245	SR	1958	PSA-SNEPCo 50%, NAE 50%	Niger Delta (Deep Offshore)	Nigeria Agip Expl.Ltd (Nae)/Shell Nig/Ultra Deep Ltd.	22/12/2003	0.05/2021
60	OPL 206	SR	2020	Summit 100%	Anambra Basin	Summit Oil International	1990	19/01/2014
61	OPL 2005	PSC	662	Sterling 100%	Niger Delta (Onshore)	Sterling Exploration Ltd (Sel)	2007	29/04/2019
62	OPL 2006	PSC	662	Sterling 100%	Niger Delta (Onshore)	Sterling Exploration Ltd (Sel)	2007	29/04/2019
63	OPL 2004	PvC	103	Sterling 100%	Niger Delta (Onshore)	Sterling Exploration Ltd (Sel)	2016	-
64	OPL 2008	PSC	41	TENOL 100%	Niger Delta (Continental Shelf)	TenOil Pet. & Energy Services Ltd/Clayford	2007	25/05/2016
65	OPL 281	PSC	122	TRANS CORP 100%	Niger Delta (Onshore)	Transnational Corporation	2006	5/2019
66	OPL 258	PSC	234	Yorkshire 100%	Niger Delta (Deep Offshore)	Yorkshire Energy World Ltd	2007	
67	OPL 295	PSC	1218	Yorkshire 100%	Niger Delta (Deep Offshore)	Yorkshire Energy World Ltd	2007	
68	OPL 248	PSC	2448	Zebra 100%	Niger Delta (Deep Offshore)	Zebra Energy Limited	1999	6/2019

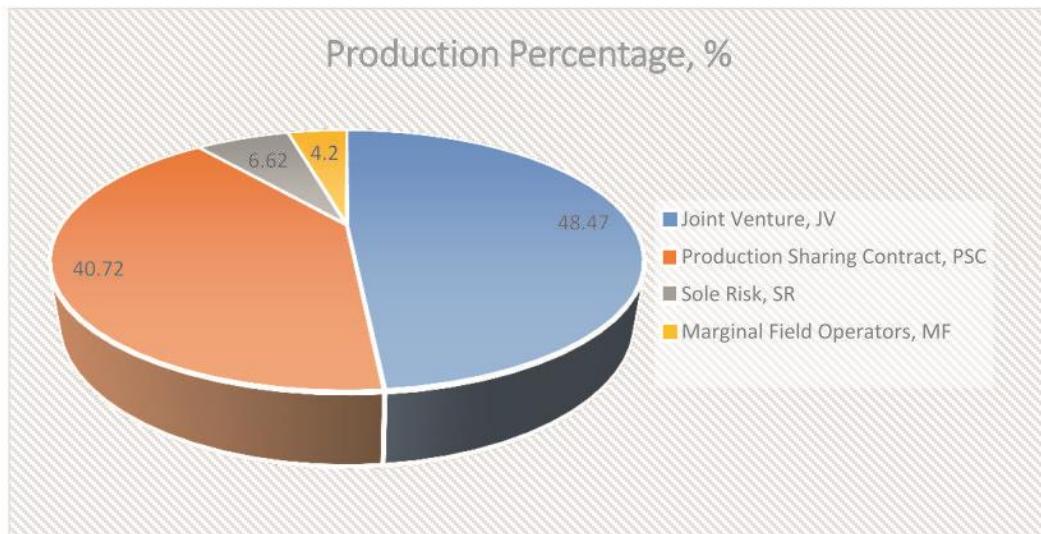


Figure 3: Distribution of Nigeria Concession by Lease Contract Type

Table 3: Summary Of Acreage Situation As At 31 December 2017

NAME OF BASIN	NO. OF BLOCKS ALLOCATED		NO OF OPEN BLOCKS	TOTAL NO. OF BLOCKS
	OPL	OML		
ANAMBRA	6	1	12	19
BENIN	8	3	39	50
BENUE	2	0	41	43
BIDA	0	0	17	17
CHAD	6	0	40	46
NIGER DELTA	46	107	34	187
SOKOTO	0	0	28	28
TOTAL	68	111	211	390

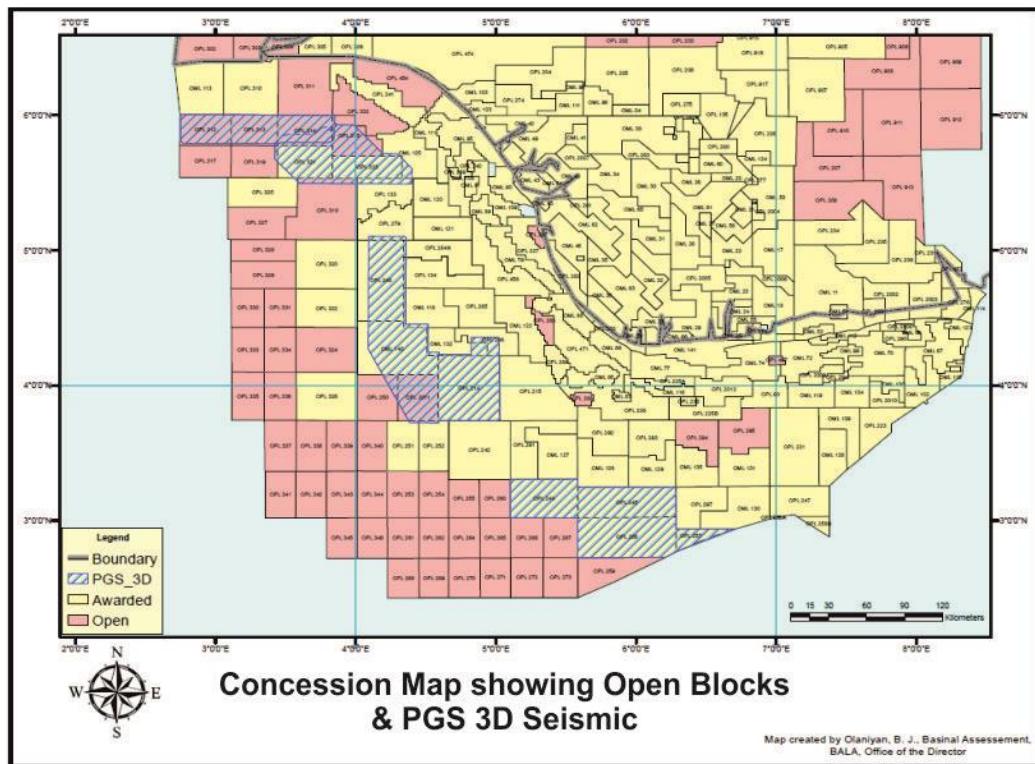


Figure 4: Concession Map showing Open Blocks & PGS 3D Seismic

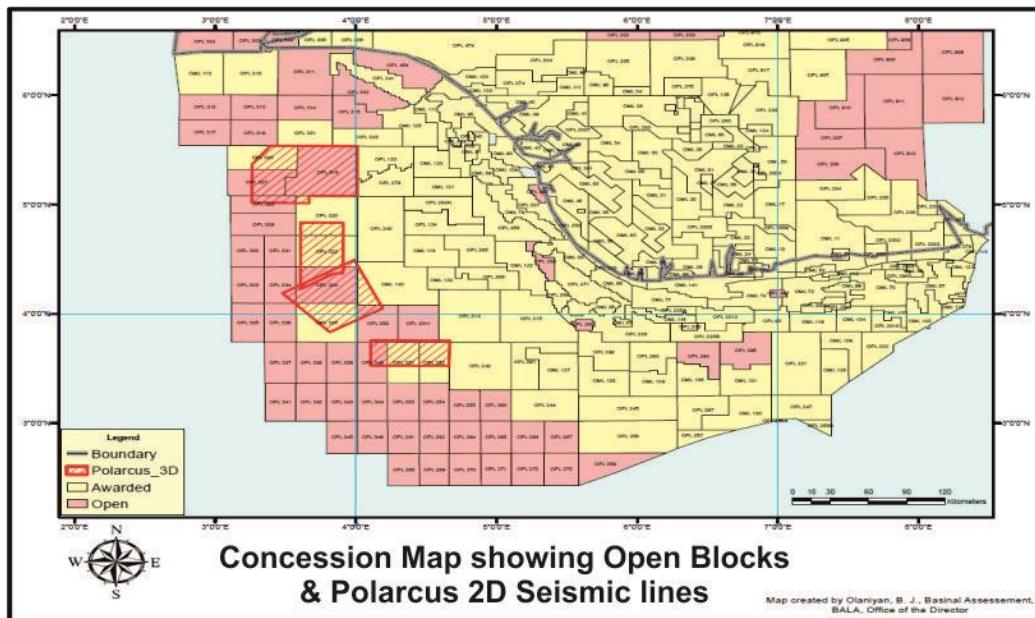


Figure 5: Concession Map showing Open Blocks & Polarcus 2D Seismic Lines

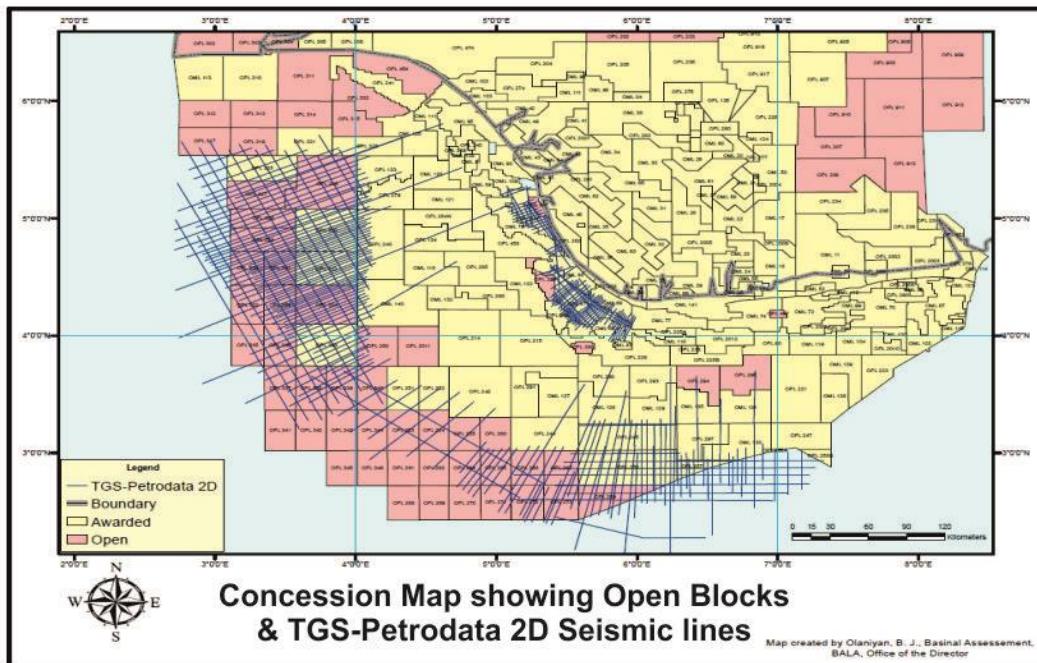


Figure 6: Concession Map showing Open Blocks & TGS-Petrodata 2D Seismic

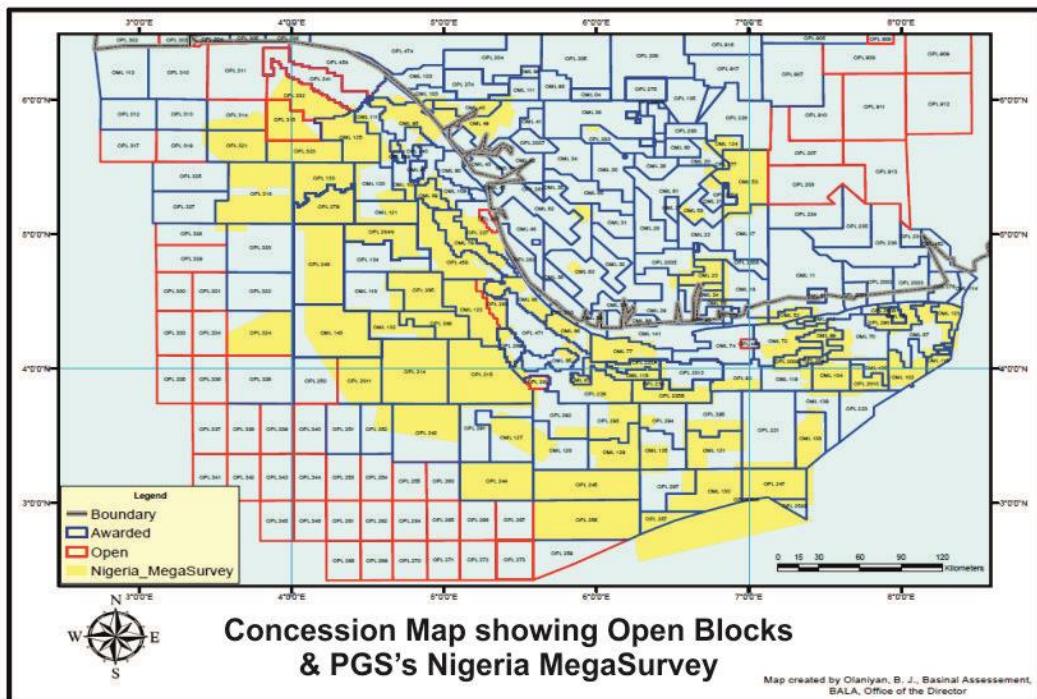


Figure 7: Concession Map showing Open Blocks & PGS's Nigeria MegaSurvey



4.1.2 Marginal Fields

Table 4: List of Marginal Fields

S/N	Field Name	Company Name	Block
1	Ogbele	Niger Delta Petroleum Resources Limited	OML 54
2	Omerelu	Niger Delta Petroleum Resources Limited	OML 53
3	Asaramatoru	Prime Exploration & Prod. (Operator) / Suffolk Petroleum Ltd.	OML 11
4	Okwok	Oriental Energy Resources Limited	OML 67
5	Ebok	Oriental Energy Resources Limited	OML 67
6	Stubb Creek	Universal Energy Limited	OMLs 13 / 14
7	Dawes Island	Eurafric Energy Limited	OML 54
8	Umuseti / Igbuku	Pillar Oil Limited	OML 56
9	Atala	Bayelsa Oil Company Ltd	OML 46
10	Ekeh	Movido E&P Limited	OML 88
11	Ogedeh	Bicta Energy & Management Systems Limited	OML 90
12	Ororo	Guarantee Pet. Ltd. (Operator) / Owena Oil & Gas Ltd.	OML 95
13	Egbaoma (Ex Asuokpu/Umutu)	Platform Petroleum Limited	OML 38
14	Amoji /Matsogo / Igbolo	Chorus Energy Limited	OML 56
15	Akepo	Sogenal Limited	OML 90
16	Oza	Millenium Oil and Gas Limited	OML 11
17	Ajapa	Brittania U-Nigeri Limited	OML 90
18	Qua Ibo	Network E&P Limited	OML 13
19	Ibigwe	Waltersmith Petroman Ltd. (Operator) / Morris Pet. Ltd.	OML 16
20	Umusadege	Midwestern Oil & Gas Ltd. / Suntrust Oil Co. Ltd.	OML 56
21	Ofa	Independent Energy Limited	OML 30
22	KE	Del Sigma	OML 55
23	Tom Shot Bank	Associated Oil and Gas Limited (Operator) / Dansaki Petroleum Unlimited	OML 14
24	Uquo	Frontier Oil Limited	OML 13
25	Ebendo / Obodeti (Ex Obodugwa /Obodeti)	Energia Limited (Operator)/Oando Production	OML 56
26	Oriri	Goland Petroleum Dev. Co. Limited	OML 88
27	Eremor	Excel Exploration & Producton Limited	OML 46
28	Tsekelewu	Sahara Energy Ltd. (Operator)/African Oil & Gas Co. Ltd.	OML 40
29	Otakikpo	Green Energy International Limited	OML 11
30	Ubima	All Grace Energy Limited	OML 17

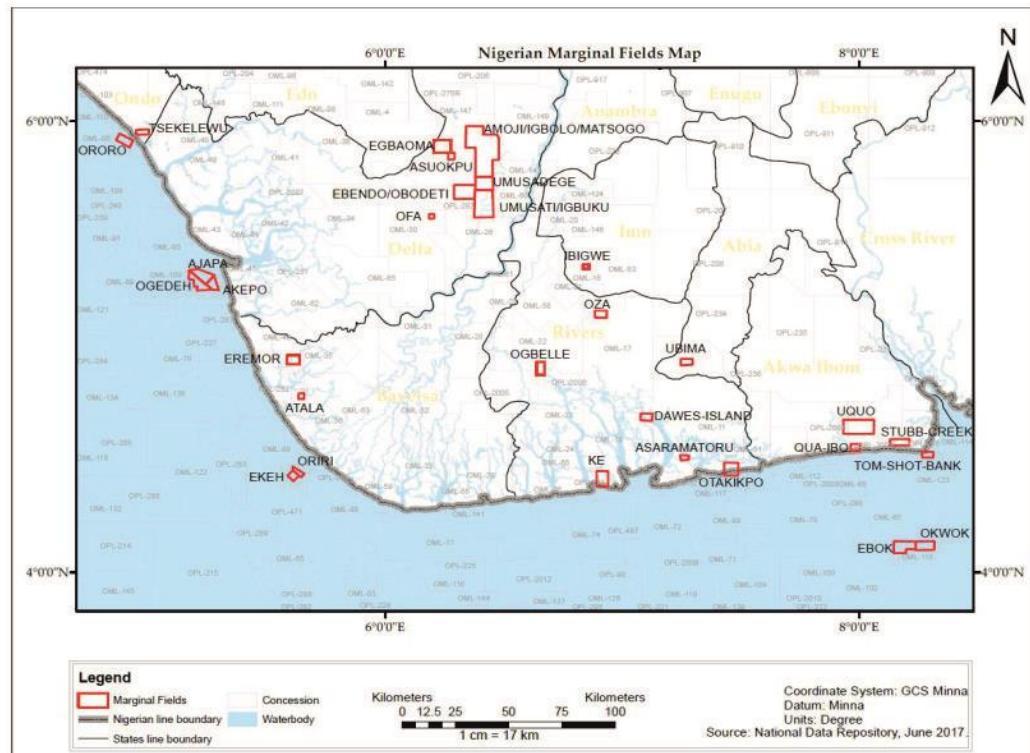


Figure 8: Marginal Fields Map, 2002 – 2004

4.1.3 Reserves

Table 5: Oil and Gas Reserves

	Oil Reserves, MMbbls	Condensate Reserves, MMbbls	Total (Oil + Condensates), MMbbls	Natural Gas Reserves (TCF)		
				Associated Gas, AG	Non Associated Gas, NAG	Total Gas
2010	31,219.00	5,313.97	36,532.97	92.945	89.872	182.817
2011	31,169.60	5,077.81	36,247.41	92.904	90.530	183.434
2012	32,233.24	4,905.86	37,139.10	89.729	92.529	182.258
2013	31,813.51	5,257.32	37,070.83	89.652	92.298	181.950
2014	31,870.00	5,578.24	37,448.24	90.094	97.904	187.998
2015	31,643.91	5,418.15	37,062.06	97.208	94.857	192.065
2016	31,271.77	5,467.41	36,739.18	97.253	101.485	198.738
2017	31,419.71	5,552.20	36,971.91	96.36	102.730	199.090

* All Reserves above are as at 31st December of the reported year



4.1.4 Exploration

Table 6: Seismic Data Acquisition

Year	Type	Land	Shallow Offshore	Deep Offshore	Total
2010	3-D, Sq.Km	1,300.94	841.28	2,672.790	4,815.01
2011	3-D, Sq.Km	638.27	1,127.59	-	1,765.86
	2-D, Km	-	278.43	-	278.43
2012	3-D, Sq.Km	1,913.00	568.24	1,742.290	4,223.53
2013	3-D, Sq.Km	1,588.08	1,690.24	961.810	4,240.13
2014	3-D, Sq.Km	804.35	2,833.03	572.000	4,209.38
2015	3-D, Sq.Km	675.7987	775.497	455.505	1,906.80
2016	3-D, Sq.Km	138.50	156.00	-	294.5
2017	3-D, Sq.Km	775.61	735.28	887.100	2397.99

4.1.5 Rig Activities

Table 7: Active Rigs by Terrain

Year	Land / Swamp	Shallow Offshore	Deep Offshore	Total
2010	14	10	6	30
2011	13	14	6	33
2012	20	15	7	42
2013	20	19	7	46
2014	14	7	8	29
2015	15	6	8	29
2016	5	4	3	12
2017	10	3	3	16

Table 8: Rig Disposition by Terrain from January to December 2017

Terrain	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Land / Swamp	5	8	6	7	2	3	3	3	8	8	9	10
Shallow Offshore	2	2	3	3	3	3	3	2	2	2	2	3
Deep Offshore	1	2	2	2	2	1	1	3	3	2	1	3
Total	8	12	11	12	7	7	7	8	13	12	12	16

4.1.6 Drilling and Well completion

Table 9: Number of Wells drilled by Terrain

Year	Land / Swamp	Shallow Offshore	Deep Offshore	Total
2010	30	62	15	107
2011	44	64	12	120
2012	74	65	15	154
2013	59	61	30	150
2014	49	50	43	142
2015	41	27	45	113
2016	39	15	23	77
2017	37	20	15	72



Table 10: Wells Drilled by Contract and Class in 2017

Type Of Contract	Exploratory	Appraisal (1st & 2nd)	Ordinary Appraisal	Development	Total
JVC	-	1	1	30	32
PSC	2	1	3	24	30
SR	-	1	3	4	8
MF	-	-	-	2	2
Total	2	3	7	60	72

Table 11 : Number of Wells drilled by Class

Year	Exploratory	Appraisal (1st & 2nd)	Ordinary Appraisal	Development	Total
2010	4	4	9	90	107
2011	4	3	7	106	120
2012	2	8	15	129	154
2013	3	9	26	112	150
2014	4	8	10	120	142
2015	4	4	5	100	113
2016	1	5	2	69	77
2017	2	4	6	60	72

4.1.7 Crude Oil / Condensate Production

A total of 754,265,049 barrels of oil (and field condensate) was produced^a at an estimated average daily production 2.07 million barrels of oil per day. There was a 5.6% increase over the average production rate for 2016. This volume was produced by forty-four (44) oil producing companies as shown in the table below:

Table 12: 2017 Production Performance^a

S>No	Company	Contract	Terrain	Annual Production (Bbls)	Daily Average (Bopd)	Percentage Production
1	Allied Energy	Sole Risk	Deep Offshore	1,952,201	5,348	0.26
2	Amni	Sole Risk	Offshore	3,992,495	10,938	0.53
3	Atlas	Sole Risk	Offshore	145,640	399	0.02
4	Consolidated	Sole Risk	Offshore	447,795	1,227	0.06
5	Continental	Sole Risk	Offshore	4,147,958	11,364	0.55
6	Dubri	Sole Risk	Offshore	126,904	348	0.02
7	Express	Sole Risk	Offshore	21,962	60	0.00
8	NPDC	Sole Risk	Onshore/Onshore	37,150,910	101,783	4.93
9	Moni Pulo	Sole Risk	Offshore	983,709	2,695	0.13
10	Yinka	Sole Risk	Offshore/Deep	927,440	2,541	0.12
11	Star Deep	Production Sharing	Deep Offshore	85,662,834	234,693	11.36
12	Total Upstream	Production Sharing	Deep Offshore	45,232,995	123,926	6.00
13	Addax	Production Sharing	Onshore/Offshore	12,687,077	34,759	1.68
14	AENR	Production Sharing	Offshore	1,529,820	4,191	0.20



S/No	Company	Contract	Terrain	Annual Production (Bbls)	Daily Average (Bopd)	Percentage Production
15	Esso (Erha)	Production Sharing	Deep Offshore	45,770,623	125,399	6.07
16	Esso (Usan)	Production Sharing	Deep Offshore	35,782,621	98,035	4.74
17	NAE	Production Sharing	Deep Offshore	4,921,044	13,482	0.65
18	SNEPCO	Production Sharing	Deep Offshore	62,235,934	170,509	8.25
19	SEEPCO	Production Sharing	Onshore	13,336,545	36,538	1.77
20	Brittania-U	Marginal	Offshore	436,023	1,195	0.06
21	Energia	Marginal	Onshore	1,309,685	3,588	0.17
22	Frontier	Marginal	Onshore	121,084	332	0.02
23	Oriental	Marginal	Offshore	6,615,040	18,123	0.88
24	Platform	Marginal	Onshore	1,001,497	2,744	0.13
25	Midwestern	Marginal	Onshore	5,393,579	14,777	0.72
26	NDPR	Marginal	Onshore	1,809,321	4,957	0.24
27	Pillar	Marginal	Onshore	920,951	2,523	0.12
28	Waltersmith	Marginal	Onshore	1,648,190	4,516	0.22
29	Universal	Marginal	Onshore	956,304	2,620	0.13
30	Network	Marginal	Onshore	806,032	2,208	0.11
31	Excel	Marginal	Onshore	82,961	227	0.01
32	Enageed	Sole Risk	Onshore	5,682,016	15,567	0.75
33	Green Energy	Marginal	Onshore	4,871,061	13,345	0.65
34	Chevron	Joint Venture	Onshore/offshore	72,944,876	199,849	9.67
35	Total E&P	Joint Venture	Onshore/Offshore	40,177,277	110,075	5.33
36	Mobil Producing	Joint Venture	Onshore/Offshore	91,589,178	250,929	12.14
37	NAOC	Joint Venture	Onshore/Onshore	26,401,192	72,332	3.50
38	Pan Ocean	Joint Venture	Onshore	2,353,427	6,448	0.31
39	SPDC	Joint Venture	Onshore/Offshore	61,948,725	169,723	8.21
40	Aiteo	Joint Venture	Onshore	21,460,513	58,796	2.85
41	Newcross	Joint Venture	Onshore	8,311,097	22,770	1.10
42	Erotor	Joint Venture	Onshore	13,705,948	37,551	1.82
43	Seplat	Joint Venture	Onshore	13,066,180	35,798	1.73
44	Neconde	Joint Venture	Onshore	10,387,121	28,458	1.38
45	Belema	Joint Venture	Onshore	3,209,265	8,793	0.43
TOTAL				754,265,049	2,066,479	100

*All volumes are provisional figures



Table 13: 2017 Monthly Production*

Month	Production (Bbls)	Average Daily Production (Bopd)
January	62,007,128	2,000,230
February	55,845,759	1,994,491
March	55,713,800	1,797,219
April	57,795,906	1,926,530
May	65,066,226	2,098,911
June	64,535,312	2,151,177
July	66,663,698	2,150,442
August	67,788,008	2,186,710
September	63,147,761	2,104,925
October	64,830,540	2,091,308
November	64,463,776	2,148,793
December	66,407,135	2,142,166
Total Annual Production (bbls)	754,265,049	
Average Annual Daily Production (bopd)		2,066,480

*All volumes are provisional figures

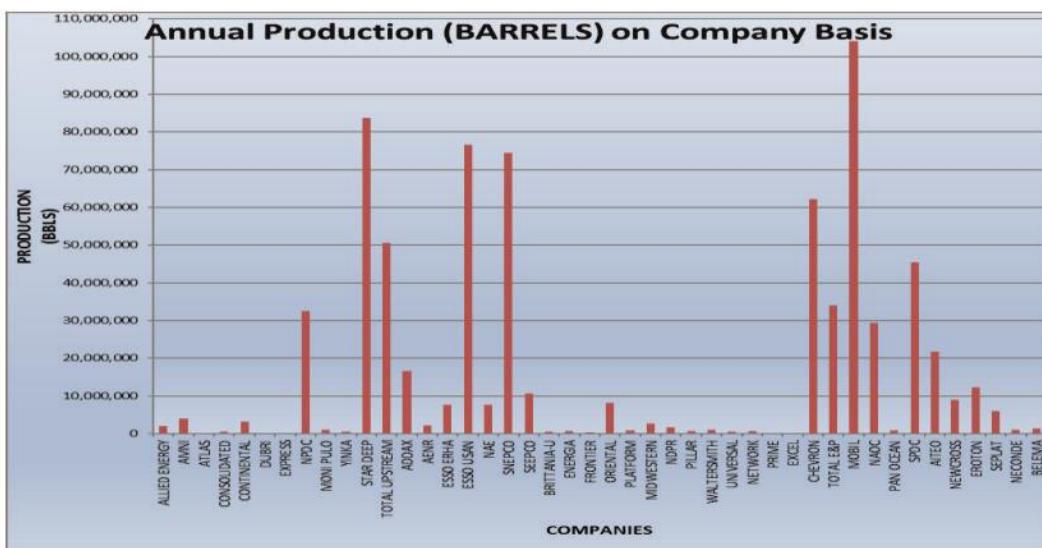


Figure 9: 2017 Oil Production on Company Basis

Table 14: 2017 Production by Contract*

Contract Type	Production, Bbls	Average Production, BOPD	Production Percentage, %
Joint Venture, JV	365,554,799	1,001,520	48.47
Production Sharing Contract, PSC	307,159,492	841,533	40.72
Sole Risk, SR	49,897,014	136,704	6.62
Marginal Field Operators, MF	31,653,744	86,723	4.20

*All volumes are provisional figures



Percentage Distribution of Production (Bopd)

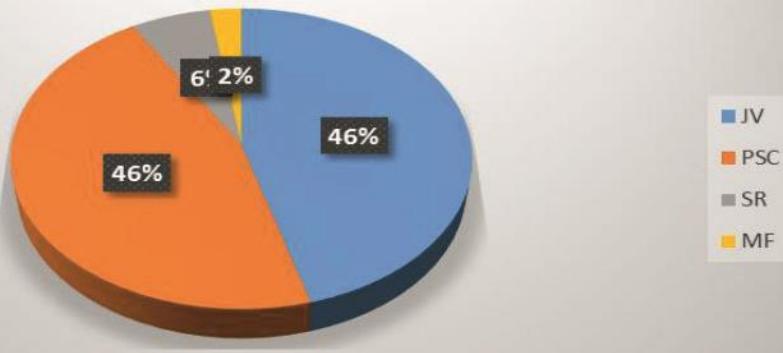


Figure 10:Percentage Distribution of Production (BOPD)

4.1.7.1 Number of Fields

The total number of fields (producing and shut-in) as at the end of December, 2017 stands at two hundred and eighty five (**285**) for the forty four (44) oil producing companies. The table below presents a summary of producing and non-producing fields as at December 2017.

Table 15: 2017 Fields Summary

Company	Producing Fields	Shut-In Fields	Remarks
Addax	14	8	Contractual Reasons and operational issues
AENR	1	0	
Allied Energy	1	0	
Amni	2	0	
Aiteo	3	1	
Atlas	1	0	
Brittania-U	1	0	
Chevron	28	6	Operational Reasons
Stardeep	1	0	
Consolidated	2	0	
Continental	1	0	
Dubri	1	0	
Total E & P	10	8	Operational reasons and sabotage
Total Upstream	1	0	



Company	Producing Fields	Shut-In Fields	Remarks
Energia	1	0	
Express	1	0	
Esso	2	0	
Midwestern	1	0	
Mobil	20	15	QIT 48" Trunk Line was down
Moni Pulo	1	0	
NAE	1	0	
NAOC	25	13	Facilities sabotage
NDPR	1	0	
NPDC	10	14	TFP leak & Operational issues
Oriental	1	0	
Pan Ocean	1	7	
Platform	1	0	
Pillar	1	0	
Seplat	4	0	
SPDC	35	25	TFP & TNP down
SEEPSCO	2	0	
Erotton	5	2	
SNEPCO	1	0	
Waltersmith	1	0	
Network	1	0	
Yinka	1	0	
Frontier	1	0	
Excel	1	0	
Enageed	2	0	
Green Energy	1	0	
Newcross	3	0	
Neconde	4	0	
Belma	4	0	
Universal	1	0	
Total	184	101	
		285	

4.1.7.2 Major Production Deferments

The average production deferment for 2017 was 725,859 bopd. Deferments are attributed to shut down arising mainly from pipeline vandalism and some operational issues. The table below shows the summary of monthly deferments from all producing companies in 2017.



Table 16: 2017 Summary of Production Deferments

MONTH	DEFERMENTS	
	Average Daily Deferment, BOPD	Monthly Deferred Volume, Barrels
January	1,106,852	34,312,407
February	669,333	18,741,313
March	875,975	27,155,214
April	756,245	22,687,364
May	627,167	19,442,180
June	543,031	16,290,944
July	603,329	18,703,193
August	642,271	19,910,410
September	740,896	22,226,880
October	742,214	23,008,643
November	687,295	20,618,839
December	704,557	21,841,275
Total Deferment (BBLS)		264,938,662
Average Deferment (BOPD)		725,859



4.1.7.3 Reconciled Crude / Condensates Volumes by Streams

Table 17: 2010 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams#

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Crude Oil												
Abo	929,636	944,305	1,051,085	927,586	950,465	909,792	890,484	880,713	868,432	940,759	919,443	932,808	11,145,508
Antan	1,697,462	1,496,759	1,694,178	1,610,447	1,686,257	1,437,616	1,469,161	1,547,127	1,541,470	1,677,750	1,611,510	1,639,234	19,108,571
Bonga	5,784,053	4,204,558	4,593,795	4,600,882	5,513,709	5,030,519	6,239,020	6,149,370	5,657,503	5,992,039	5,760,378	5,500,893	65,026,519
Bonny	6,987,084	6,084,656	7,309,385	7,354,888	6,324,436	7,108,169	7,560,370	6,865,883	8,947,760	8,754,381	8,353,629	9,983,3283	91,633,924
Brass	4,334,151	3,871,129	4,047,593	3,523,761	3,644,245	3,852,157	4,072,831	3,966,614	4,114,711	4,280,878	3,667,871	3,669,960	47,045,5801
Ekanga (Zaffiro)	382,230	345,240	382,230	369,900	382,230	369,900	382,230	369,900	382,230	369,900	382,230	369,900	4,500,450
Erlia	5,395,962	4,838,740	5,246,513	5,164,252	5,222,103	5,169,937	5,186,972	5,140,980	4,893,834	5,002,067	4,311,047	5,157,380	60,729,787
Escravos	8,596,673	7,986,266	8,836,316	8,458,946	8,247,801	7,201,631	8,093,357	7,731,540	7,889,798	8,216,807	7,602,780	6,614,108	95,476,623
Forcados	3,202,114	2,733,357	3,458,178	5,194,811	6,946,395	6,866,907	7,105,133	6,610,929	6,623,755	6,851,691	6,523,576	7,115,306	69,232,152
Odudu	3,727,120	3,607,797	3,816,433	3,625,790	3,459,771	3,317,340	3,428,041	3,646,117	3,323,980	3,372,578	2,099,210	3,423,228	40,847,405
Okano	530,466	1,170,613	1,150,268	1,700,779	1,597,491	1,677,121	1,716,345	1,636,261	1,575,878	1,608,350	1,510,767	1,670,317	17,544,856
Okaro	576,082	522,396	570,612	539,281	546,591	494,477	510,492	506,306	481,475	395,692	318,041	423,666	5,885,411
Okwori	1,077,909	893,456	1,117,444	1,209,976	1,014,784	1,246,322	1,265,731	1,219,264	1,253,718	1,383,493	1,286,277	1,419,184	14,387,558
Oyo	487,247	362,259	363,168	340,784	317,895	259,263	237,844	212,038	184,897	174,906	167,667	108,274	3,216,542
Pennington	1,016,532	868,093	945,382	850,748	972,518	794,782	849,323	1,032,474	1,016,261	950,010	901,820	931,270	11,129,213
Qua Iboe	10,522,950	10,199,659	11,723,493	11,376,871	8,086,161	8,020,503	9,070,273	11,323,509	11,267,624	11,892,912	10,906,082	11,767,634	126,157,671
Sea Eagle	2,665,528	2,906,866	3,301,132	226,702	-	2,625,918	3,320,840	3,233,943	3,023,866	3,062,647	2,673,263	2,706,181	29,746,886
Upokiti	23,879	23,890	22,900	35,346	56,888	51,204	48,812	51,089	45,035	44,815	45,384	43,69	492,411
Yoho	2,479,701	2,456,544	3,170,110	2,945,034	3,045,344	2,841,936	3,063,253	2,953,596	2,690,693	2,806,931	2,776,981	2,138,647	33,368,769
Sub-Total	60,416,780	55,516,383	62,800,215	60,056,783	58,015,084	59,275,593	64,510,712	65,089,983	65,770,591	67,790,935	61,805,626	65,626,872	746,675,558
Daily Average	1,948,928,317	1,982,727,98	2,025,813,39	2,001,892,78	1,871,454,32	1,975,853,11	2,080,990,72	2,099,676,86	2,192,333,02	2,186,804,37	2,060,187,53	2,116,995,87	2,045,886



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami	7,084,511	6,678,130	7,588,816	7,368,298	7,533,540	7,210,227	7,328,415	7,189,168	7,081,573	7,413,689	7,089,829	7,603,263	87,169,459
Akpo	4,414,140	4,282,649	4,881,466	4,738,066	5,131,103	5,288,017	5,156,779	5,326,398	5,028,212	5,833,126	4,542,192	5,588,837	60,210,985
Escravos	53,545	44,747	106,894	147,293	205,457	205,105	195,759	198,551	143,710	187,048	202,716	201,323	1,892,148
Ima Condensate	18,642	20,456	18,810	18,437	23,231	32,274	42,226	84,802	79,487	87,798	55,119	56,187	537,469
Oso	480,202	441,852	487,842	478,851	414,346	321,351	427,709	454,825	494,723	512,122	252,380	434,097	5,200,300
Sub-Total	12,051,040	11,467,834	13,083,828	12,750,945	13,307,677	13,056,974	13,150,888	13,253,744	12,827,705	14,033,783	12,142,236	13,883,707	155,010,361
Daily Average	388,743,23	409,565,50	422,058,97	425,031,50	429,279,90	435,322,46	424,222,19	427,540,12	427,590,17	452,702,68	404,741,20	447,861,52	424,686
Plant Condensates													
BRT	348,165	321,869	348,363	353,343	287,689	268,675	315,549	374,955	256,314	319,433	275,220	200,324	3,669,898
Bonny LNG	443,504	532,073	616,624	655,713	607,239	870,547	789,807	1,942,306	1,157,786	1,054,860	1,141,649	683,591	10,095,698
Sub-Total	791,668	853,942	964,987	1,009,056	894,928	1,139,222	1,105,356	1,917,261	1,441,100	1,374,292	1,416,869	883,915	13,765,596
Daily Average	25,537,69	30,497,93	31,128,60	33,635,19	28,868,63	37,974,06	35,656,66	61,847,14	47,136,67	44,332,01	47,228,97	28,513,38	37,714
Sub-Total Condensates	12,842,708	12,321,776	14,048,815	13,760,001	14,202,605	14,196,196	14,256,244	15,171,005	14,241,805	15,408,075	13,559,105	14,767,622	168,775,957
Daily Average Condensates	414,280,97	440,063,43	453,187,57	458,666,69	458,148,53	473,206,52	459,878,85	489,387,26	474,726,83	497,034,69	451,970,17	476,374,90	462,400
Crude + Condensates													
Grand Total	73,259,488	67,838,160	76,849,030	73,816,784	72,217,689	73,471,789	78,766,957	80,260,988	80,012,396	83,199,011	75,364,731	80,394,494	915,451,514
Daily Average	2,363,209,29	2,422,791,41	2,479,000,96	2,460,559,47	2,329,602,86	2,449,059,63	2,540,869,58	2,589,064,12	2,667,079,85	2,683,839,05	2,512,157,69	2,593,370,77	2,508,086



Table 18: 2011 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams#

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crude Oil													
#													
Abo	922,429	807,651	912,614	867,183	872,196	841,199	912,990	962,621	846,203	835,646	787,453	816,267	10,384,452
Antan	1,546,508	1,352,164	1,403,729	1,242,569	1,284,910	999,845	1,053,288	1,124,635	1,095,732	1,131,723	1,158,660	1,155,534	14,549,317
Bonga	5,655,163	4,862,445	1,095,724	2,377,847	4,844,070	4,941,672	5,401,648	5,152,150	4,935,010	4,828,737	4,853,590	3,344,454	52,296,510
Bonny	9,260,354	7,601,415	7,505,163	8,517,892	9,026,052	8,062,750	8,746,659	7,984,312	7,179,580	7,925,204	8,344,098	8,614,767	98,768,247
Brass	3,922,376	4,138,133	4,265,128	3,875,274	3,965,674	3,903,484	3,566,048	3,644,860	3,495,674	3,495,075	3,887,693	3,825,861	45,985,280
Ebok	-	-	-	3,735	298,141	291,287	258,704	262,008	341,879	369,369	352,438	877,999	3,055,560
Ekanga (Zaffiro)	382,230	345,240	382,230	369,900	382,230	369,900	382,230	382,230	369,900	382,230	369,900	382,230	4,500,450
Eriha	4,888,770	4,286,624	4,366,526	4,140,421	4,705,849	4,450,614	4,634,793	4,200,409	4,400,649	4,393,758	4,301,548	4,264,989	53,063,350
Espiritos	7,903,078	7,339,562	7,886,507	7,696,773	7,909,854	7,743,916	7,710,029	7,811,088	7,470,867	7,563,127	6,442,454	6,762,298	90,252,503
Forcados	7,150,059	6,496,877	6,979,254	7,650,535	7,252,262	6,814,752	7,106,576	7,599,193	6,779,859	5,052,622	7,111,601	6,780,482	82,774,072
Odudu	3,442,865	2,955,629	3,224,867	3,366,360	3,755,306	3,333,370	3,326,294	3,035,075	3,423,091	3,282,022	3,001,106	3,426,039	39,554,024
Okono	1,610,541	1,464,644	1,616,848	1,538,952	1,569,308	1,262,568	1,225,671	1,549,401	1,396,060	1,354,595	1,298,924	1,375,918	17,263,430
Okoro	477,529	395,637	402,530	305,076	551,516	508,337	471,745	547,924	544,910	530,557	507,255	524,687	5,767,803
Okwori	1,388,171	1,165,550	1,063,699	1,120,804	1,152,934	1,081,763	1,076,971	1,011,605	971,750	949,035	910,273	926,949	12,819,504
Oyo	80,701	128,848	149,886	133,051	127,583	112,374	112,646	107,294	100,969	103,597	97,130	95,145	1,349,224
Pennington	849,879	838,322	939,730	906,793	926,544	898,919	930,122	896,867	851,275	857,149	865,543	79,078	10,558,221
Qua Iboe	10,895,479	9,454,660	11,171,931	11,091,090	10,579,603	10,897,130	9,900,333	11,053,182	11,114,425	10,961,511	10,130,227	11,003,686	128,253,257
Sea Eagle	2,572,533	2,383,157	2,315,946	2,024,243	2,633,318	2,295,118	2,229,188	1,985,521	2,077,094	1,788,921	15,322	26,476	23,080,837
Tulia - Okubome	-	-	-	-	-	38,440	262,520	294,672	135,865	205,878	257,150	131,687	1,326,212
Ukpokiti	40,331	36,579	36,441	34,675	34,041	26,303	26,942	37,491	21,948	21,721	30,939	35,421	386,832
Yoho	2,579,183	2,525,766	2,740,347	2,619,230	2,707,136	2,544,467	1,949,319	2,721,382	2,405,152	2,526,804	2,504,811	2,547,362	30,371,559
Sub-Total	65,566,179	58,558,903	58,469,100	59,882,353	64,578,527	61,422,308	61,284,717	62,364,541	59,957,892	58,559,282	57,757,114	57,958,329	726,361,244
Daily Average	2,115,103	2,091,389	1,886,100	1,996,078	2,083,178	2,047,410	1,976,926	2,011,759	1,998,596	1,889,009	1,925,237	1,865,624	1,990,331



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Aghamari													
Aghamari	7,717,653	6,906,433	7,727,475	7,486,864	7,591,644	7,329,409	7,421,237	7,342,687	7,099,297	7,345,629	7,042,592	7,293,508	88,304,428
Akpo	5,571,552	5,037,016	4,448,406	4,290,857	4,141,172	4,603,101	4,066,685	4,582,781	5,306,989	5,406,467	5,315,754	5,482,956	
Escravos	210,490	334,264	325,985	343,461	350,069	416,312	374,939	334,338	349,571	345,051	353,663	303,370	4,041,513
Ima Condensate	53,212	44,725	44,312	48,851	49,800	48,749	43,682	52,868	43,190	36,415	32,326	33,385	531,515
Oso	365,310	361,013	392,707	229,600	273,904	382,950	423,132	488,183	532,039	449,892	432,570	417,031	4,748,331
Sub-Total	13,918,217	12,683,451	12,938,885	11,730,852	12,556,274	12,318,592	12,866,091	12,284,761	12,606,878	13,573,976	13,267,618	13,364,048	154,108,643
Daily Average	448,974.74	452,980.39	417,383.39	391,028.41	405,041.08	410,619.73	415,035.19	396,282.62	420,229.27	437,870.20	442,253.93	431,066.06	422,215
Plant Condensates													
BRT	180,771	258,921	241,067	228,265	199,533	301,102	217,019	241,076	288,480	254,480	259,451	239,017	2,909,182
Bonny NLNG	991,183	766,568	1,162,029	1,112,171	1,199,158	1,213,965	1,145,155	1,247,327	996,946	983,416	1,144,337	1,231,810	13,194,066
Sub-Total	1,171,954	1,025,489	1,403,096	1,340,436	1,398,691	1,515,067	1,362,174	1,488,402	1,285,426	1,237,896	1,403,789	1,470,827	16,103,248
Daily Average	37,804.98	36,624.62	45,261.17	44,681.20	45,119.07	50,502.22	43,941.09	48,012.98	42,847.54	39,932.13	46,792.95	47,446.03	44,118
Sub-Total Condensates	15,090,171	13,708,940	14,341,981	13,071,288	13,954,965	13,833,659	14,228,265	13,773,164	13,892,304	14,811,872	14,671,406	14,833,875	170,211,891
Daily Average - Condensates	486,779.72	489,605.01	462,644.56	435,709.61	450,160.15	461,121.96	458,976.28	444,295.60	463,076.81	477,802.33	489,046.88	478,512.09	466,334
Grand Total	80,658,350	72,267,844	72,811,081	72,953,641	78,533,492	75,255,966	75,512,982	76,137,704	73,850,196	73,371,154	72,428,521	72,792,204	896,573,135
Daily Average	2,601,882.26	2,580,994.42	2,348,744.56	2,431,788.04	2,533,338.44	2,508,532.21	2,435,902.63	2,456,054.97	2,461,673.21	2,365,811.41	2,414,284.03	2,348,135.61	2,456,165



Table 19: 2012 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams#

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total	
Crude Oil														
Abo	772,732	727,818	782,089	663,644	780,648	714,623	731,254	721,302	674,712	627,896	631,984	660,817	8,489,519	
Antan	1,224,809	1,258,433	1,404,694	1,430,079	1,608,236	1,536,981	1,685,919	1,621,208	1,552,722	1,780,357	1,680,631	1,780,357	18,664,426	
Bonga	4,479,334	4,853,976	5,765,068	5,506,183	5,624,149	5,362,372	5,471,906	5,740,474	5,164,204	5,357,489	5,166,791	5,576,011	64,067,957	
Bonny	6,751,592	7,412,503	5,302,022	5,565,380	5,257,421	5,127,369	8,158,435	8,054,791	8,092,220	6,948,142	9,078,419	9,768,621	85,516,915	
Brass	3,373,711	3,561,734	3,740,742	3,433,473	3,402,543	3,183,345	3,476,687	3,413,600	3,499,220	3,396,098	1,759,428	2,191,510	38,431,091	
Ebok	811,519	851,039	917,498	913,897	861,796	971,591	942,803	841,600	765,114	1,038,751	1,062,860	1,078,475	11,116,943	
Ekanga (Zaffiro)	382,230	357,570	382,230	369,900	382,230	369,900	382,230	382,230	369,900	382,230	369,900	382,230	4,512,780	
Erha	4,228,916	3,824,456	3,876,175	3,965,923	3,948,560	3,791,017	3,810,080	3,754,520	3,426,589	3,545,354	3,721,334	3,787,734	45,680,658	
Escravos	7,051,924	6,737,407	6,829,177	7,027,502	7,012,313	6,892,776	7,067,322	7,036,361	6,961,780	6,953,264	6,602,487	6,820,634	82,992,947	
Forcados	6,688,598	5,530,840	6,042,658	5,186,709	6,625,754	6,396,945	6,893,588	7,067,581	6,637,442	4,494,703	5,817,030	5,057,293	72,439,141	
Odudu	3,465,997	3,173,916	3,269,054	3,365,705	3,357,525	3,215,797	3,148,808	3,065,742	2,864,283	2,262,257	2,788,759	2,787,845	36,765,688	
Okono	1,272,137	1,304,406	1,400,785	1,290,434	1,229,718	1,172,237	1,461,341	1,540,723	1,447,374	1,356,085	1,316,363	1,557,062	16,348,665	
Okoro	498,016	478,540	510,835	416,331	415,297	437,208	503,798	543,704	416,259	618,903	609,059	662,170	6,170,120	
Okwori	870,117	793,837	866,157	1,049,040	1,063,254	1,106,949	1,156,798	1,105,271	1,063,643	1,051,476	990,813	977,429	12,094,784	
Oyo	93,935	85,600	88,934	85,457	85,815	82,271	71,184	87,329	84,884	86,368	79,556	78,909	1,009,842	
Pennington	764,851	768,812	834,280	814,810	839,490	743,557	707,719	798,015	693,094	699,617	704,447	734,170	9,102,862	
Qua Iboe	11,183,909	11,072,754	12,309,395	11,482,450	11,900,670	11,453,911	10,719,155	10,724,400	10,427,773	7,902,815	8,696,323	10,978,888	128,852,443	
Sea Eagle	2,242,36	1,853,917	1,975,313	1,880,855	1,875,551	1,830,513	1,752,700	1,706,804	1,592,324	1,450,383	1,386,898	1,528,123	21,075,517	
Tulia - Okwuibome	88,703	189,957	139,766	92,738	177,187	193,380	152,266	154,016	224,491	-	59,390	150,940	1,622,834	
Ukpokiti	29,425	29,058	30,543	89,965	83,330	71,694	73,714	96,257	98,623	107,641	107,536	109,705	927,491	
Usan	-	53,890	1,080,405	2,555,955	3,264,142	3,102,327	2,509,773	3,360,064	3,479,987	3,530,789	3,229,095	3,246,094	29,409,511	
Yoho	2,518,783	2,320,786	57,241,249	60,132,536	59,606,043	62,198,334	60,045,290	63,216,144	64,126,099	61,730,113	55,917,720	57,865,868	62,104,991	722,977,861
Sub-Total	58,793,374	58,793,374	60,132,536	59,606,043	62,198,334	60,045,290	63,216,144	64,126,099	61,730,113	55,917,720	57,865,868	62,104,991	722,977,861	
Daily Average	1,896,560	1,973,836,17	1,939,759	1,986,868	2,006,401	2,001,510	2,039,230	2,068,584	2,057,670	1,803,797	1,928,862	2,003,387	1,975,349,35	



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami													
Agbami	7,233,941	6,689,733	7,165,616	6,852,132	7,076,083	6,923,801	7,213,267	7,351,653	7,101,928	7,325,607	6,899,567	7,208,231	85,041,559
Akpo	5,275,640	5,072,675	5,492,025	5,219,727	5,522,113	5,118,021	5,707,301	5,592,400	5,106,358	5,000,782	1,061	3,543,605	56,651,708
Estravos	334,572	318,655	376,617	415,293	397,371	416,122	435,715	522,917	515,453	495,736	454,345	405,482	5,088,278
Ima Condensate	28,981	29,217	25,463	20,051	18,133	17,831	17,834	17,613	17,565	19,227	16,629	18,038	246,582
Sub-Total	12,873,134	12,110,280	13,059,721	12,507,203	13,013,700	12,475,775	13,374,117	13,484,583	12,741,304	12,841,352	7,371,602	11,175,356	147,028,127
Daily Average	415,262.39	417,595.86	421,281.32	416,906.77	419,796.77	415,859.17	431,423.13	434,986.55	424,770.13	414,237.16	245,720.07	360,495.35	401,716
Plant Condensates													
BRT													
Bonny N/NG	333,169	248,663	187,433	364,625	321,150	231,232	202,778	173,300	209,161	127,370	115,944	221,172	2,735,999
Sub-Total	1,156,384	1,102,417	1,149,237	1,045,195	1,084,563	1,204,750	1,153,084	1,092,801	980,827	1,048,198	1,227,423	807,536	13,042,413
Daily Average	48,050.10	46,588.97	43,118.36	46,994.03	45,345.56	47,866.06	43,737.51	40,519.38	39,666.28	37,921.56	44,788.89	33,184.12	43,110.42
Sub-Total	14,362,687	13,461,360	14,396,390	13,917,024	14,419,412	13,911,757	14,729,980	14,740,684	13,931,292	14,016,920	8,714,969	12,204,064	162,806,539
Daily Average - Condensates	463,312	464,184.83	464,400	463,901	465,142	463,725	475,161	475,506	464,376	452,159	290,499	393,679	444,826.61
Crude + Condensates													
Grand Total	73,156,061	70,702,609	74,528,926	73,523,067	76,617,846	73,957,047	77,946,124	78,866,783	75,661,405	69,934,640	66,580,837	74,309,055	885,784,400
Daily Average	2,359,873	2,438,021.00	2,404,159	2,450,769	2,471,543	2,465,235	2,514,391	2,544,090	2,522,047	2,255,956	2,219,361	2,397,066	2,420,175.96



Table 20: 2013 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams*

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crude Oil													
Abo	643,100	548,985	624,146	620,892	792,751	679,909	504,508	735,085	680,579	756,363	718,538	718,041	8,022,897
Anambra Basin	-	-	-	-	-	-	-	-	-	-	-	-	41,668
Antan	1,666,608	1,474,112	1,705,526	1,648,152	1,598,541	1,589,246	1,803,676	1,795,033	1,604,534	1,629,439	1,622,702	1,629,439	41,668
Bonga	5,238,213	4,216,606	5,534,098	5,316,056	5,079,987	3,861,306	5,181,955	4,618,484	4,571,412	4,776,416	1,104,666	1,404,963	50,904,162
Bonny	10,104,048	7,286,044	5,859,294	5,674,880	4,439,558	2,491,876	2,606,732	5,268,261	3,262,677	4,517,256	5,174,098	7,982,251	64,667,075
Brass	3,210,495	2,541,251	2,112,998	2,305,112	2,835,073	2,703,379	2,689,786	2,856,836	2,559,966	2,633,906	2,477,858	2,412,586	31,339,246
Ebok	1,119,001	985,713	903,810	1,059,434	1,087,955	1,017,836	1,177,181	1,167,803	1,124,269	976,854	1,107,366	1,118,090	12,845,312
Ekanga (Zaffiro)	331,390	126,700	331,390	369,900	382,230	369,900	382,230	356,624	369,900	369,613	345,120	369,613	4,104,610
Erla	3,664,779	3,126,610	3,566,024	3,262,972	2,871,351	2,896,312	3,038,071	3,240,793	3,231,053	2,665,553	2,841,947	3,252,131	37,657,596
Escravos	6,882,030	6,268,032	6,718,876	6,420,898	6,423,787	6,025,649	6,334,335	6,339,765	5,979,897	5,946,178	5,681,049	6,152,230	75,172,726
Forcados	6,284,100	5,494,447	5,900,351	5,629,628	5,545,976	5,468,781	6,384,499	6,489,649	5,655,549	6,193,363	5,967,387	5,987,061	71,000,792
Ondu	2,780,045	2,234,188	2,586,333	2,386,223	2,343,668	2,345,054	2,591,742	2,621,139	2,540,181	2,655,865	2,202,647	2,185,339	29,478,224
Okono	1,578,434	1,147,797	1,163,570	1,068,228	1,068,228	1,062,880	1,054,775	1,132,953	1,452,461	1,435,940	1,322,977	1,415,954	14,904,197
Okoro	631,515	544,306	548,321	475,201	467,098	558,087	602,115	601,835	557,010	586,965	491,804	536,797	6,601,054
Okwori	960,274	800,962	890,117	781,801	844,515	771,844	788,013	757,822	705,120	613,128	739,205	880,331	9,532,752
Oyo	70,785	66,780	73,851	72,299	71,827	67,716	69,609	69,872	65,497	61,655	58,146	64,430	812,467
Pennington	714,399	652,922	713,794	645,660	496,586	605,723	626,043	553,465	576,603	586,912	597,887	587,441	7,357,435
Qualibee	11,193,230	7,095,384	9,814,689	11,036,545	10,075,140	11,678,261	12,550,479	12,367,991	12,064,881	12,533,661	10,605,828	9,608,849	130,674,338
Sea Eagle	1,521,433	1,324,665	1,459,821	1,182,754	1,330,084	1,301,606	1,264,583	1,335,592	1,252,483	1,284,511	1,130,134	1,259,243	15,626,909
Tulja - Okwubome	145,131	136,321	227,436	148,129	145,948	280,652	295,895	303,977	299,104	394,314	299,375	309,279	2,985,561
Ukpokiti	132,513	113,308	71,476	60,594	57,670	54,179	43,493	26,021	38,562	51,623	49,404	57,416	756,259
Usan	3,056,692	3,246,900	3,622,350	3,359,144	2,461,305	1,070,267	3,581,387	3,804,175	3,796,695	3,899,549	3,630,537	3,662,543	39,191,544
Yoho	2,141,572	1,924,634	2,115,011	1,747,441	2,090,166	2,110,868	2,105,143	2,191,285	2,254,204	2,287,586	2,087,850	2,085,466	25,141,246
Sub-Total	64,069,787	51,356,707	56,543,282	55,271,943	52,509,244	49,011,331	55,676,250	58,640,460	54,642,637	56,919,913	50,262,262	53,715,023	658,618,840
Daily Average	2,066,167	1,834,168	1,823,977	1,842,398	1,693,847	1,633,711	1,796,008	1,891,628	1,821,421	1,836,126	1,675,409	1,732,743	1,804,435



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Ajgbami													
Ajgbami	6,945,471	6,190,961	6,932,903	6,633,261	6,737,510	7,043,697	7,664,786	7,484,515	7,177,047	7,367,219	7,063,977	7,629,781	84,871,128
Akpo	4,715,045	4,934,184	5,541,759	5,374,598	5,334,125	4,847,147	5,098,083	5,279,723	5,018,147	5,141,384	4,831,008	4,987,002	61,102,205
Escravos	505,544	457,428	518,660	464,449	500,113	424,495	284,137	283,395	342,920	382,702	353,748	378,560	4,896,351
Ima Condensate	16,973	15,491	17,722	15,636	18,245	16,856	21,938	25,274	28,009	24,670	28,591	30,024	259,429
Sub-Total	12,183,033	11,598,064	13,011,044	12,487,944	12,589,993	12,332,195	13,068,944	13,073,107	12,566,123	12,915,975	12,277,324	13,025,367	151,129,113
Daily Average	393,001.06	414,216.57	419,711.10	416,264.80	406,128.81	411,073.17	421,578.84	421,713.13	418,870.77	416,644.35	409,244.13	420,173.13	414,052
Plant Condensates													
BRT	237,606	162,135	260,189	313,463	272,298	321,473	260,647	334,419	291,123	282,861	253,958	220,696	3,210,877
Bonny NLNG	1,205,397	505,571	571,090	832,267	713,797	665,727	497,066	1,061,791	870,547	853,601	780,521	1,139,303	9,696,677
Sub-Total	1,443,003	667,705	831,278	1,145,731	986,095	987,201	757,713	1,396,210	1,161,670	1,136,462	1,034,488	1,359,998	12,907,554
Daily Average	46,548.48	23,846.62	26,815.43	38,191.02	31,809.52	32,906.70	24,442.36	45,039.03	38,722.33	36,560.06	34,482.94	43,870.91	35,363
Crude + Condensates													
Sub-Total Condensates	13,626,036	12,265,769	13,842,322	13,633,675	13,576,088	13,319,396	13,826,657	14,469,317	13,727,793	14,052,437	13,311,812	14,385,365	164,036,567
Daily Average - Condensates	439,550	438,063	446,527	454,456	437,938	443,980	446,021	466,752	457,593	453,304	443,727	464,044	449,416
Grand Total	77,695,823	63,672,476	70,385,604	68,905,618	66,085,332	62,330,727	69,502,907	73,109,776	68,370,430	70,972,350	63,574,075	68,100,388	822,655,507
Daily Average	2,506,317	2,272,231	2,270,503	2,296,854	2,131,785	2,077,691	2,242,029	2,358,380	2,279,014	2,289,431	2,119,136	2,196,787	2,253,851



Table 21: 2014 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams#

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crude Oil													
Crude Oil													
Abo	710,789	663,223	734,295	720,982	776,421	741,491	337,339	661,808	700,440	689,614	630,722	643,323	8,010,447
Antan	1,622,259	1,360,416	1,523,820	1,431,356	1,536,117	1,369,117	1,461,722	1,558,057	1,504,448	1,491,554	1,405,293	1,458,456	17,722,615
Bonga	4,471,466	4,477,599	4,951,256	4,145,769	4,121,061	3,857,439	4,301,255	4,926,052	5,193,288	5,944,011	5,866,125	5,983,409	58,238,730
Bonny	7,718,351	6,203,139	6,879,574	7,144,891	6,562,806	7,352,357	6,346,995	6,110,778	3,893,626	6,563,624	5,697,973	7,280,669	77,754,783
Brass	2,604,302	2,069,301	2,584,139	2,410,281	2,861,387	2,897,102	3,437,091	3,353,140	3,330,868	3,756,376	3,497,651	3,693,292	36,494,930
Ebok	1,044,928	879,683	911,224	695,875	896,721	825,514	806,949	775,358	582,003	880,393	913,877	947,438	10,159,963
Ekanga (Zaffiro)	344,007	322,112	318,401	320,700	344,007	332,910	344,007	331,390	369,900	356,624	345,120	344,007	4,073,185
Erla	3,159,438	2,788,217	3,241,555	2,996,250	3,222,152	3,026,812	3,037,051	3,103,168	2,784,696	2,935,290	2,906,612	2,958,533	36,159,774
Escravos	6,346,902	5,876,730	6,368,496	5,878,657	6,090,261	5,442,489	5,775,786	6,124,981	5,621,054	5,893,071	5,654,683	5,624,555	70,697,665
Forcados	5,856,699	5,817,137	2,371,703	5,255,456	6,811,411	6,682,112	5,298,717	6,396,800	5,646,505	5,906,025	5,958,659	5,931,568	67,932,791
Ima Crude	-	78,281	18,192	34,015	62,389	62,393	42,538	45,781	62,490	64,494	45,063	44,220	560,856
Obudu	2,489,830	2,124,831	2,440,274	2,410,852	2,446,598	1,549,248	2,485,622	2,399,234	2,218,810	2,146,288	1,480,108	2,055,454	26,197,149
Okono	1,387,140	1,230,051	1,312,577	1,197,346	1,293,265	1,187,186	1,039,078	684,048	713,270	958,889	903,652	888,061	12,794,563
Okoro	532,149	348,987	532,566	537,816	546,055	454,261	511,988	503,617	457,772	521,077	529,786	535,581	6,011,655
Okwori	889,889	812,954	861,608	808,523	489,585	650,071	648,349	614,780	569,419	638,030	617,813	603,321	8,204,342
Oyo	61,545	51,233	56,915	55,296	56,334	51,863	49,941	25,886	12,137	6	10	5	421,171
Pennington	528,124	500,782	542,109	500,359	505,916	479,647	249,411	459,437	432,695	459,719	405,557	441,683	5,505,439
Qualibae	11,449,914	11,288,016	12,180,027	11,937,151	11,768,246	11,693,734	9,783,553	11,325,439	11,135,423	11,400,470	10,328,975	10,665,780	134,956,728
Sea Eagle	1,304,556	1,220,750	1,166,808	1,282,718	1,305,695	243,999	-	-	-	-	-	681,855	7,206,421
Tulia - Okwuibome	399,633	279,345	260,162	275,475	475,446	432,388	308,741	434,161	481,146	306,609	520,466	589,351	4,762,983
Ukpokiti	41,154	52,292	37,453	56,329	44,650	46,710	46,466	60,666	38,199	48,102	53,101	40,765	565,887
Usan	3,937,050	3,372,382	3,613,999	3,473,907	3,502,650	3,727,085	3,999,867	4,031,323	3,782,834	3,774,225	3,554,239	3,750,931	44,520,502
Yoho	1,969,658	1,589,017	1,786,204	1,393,596	1,642,834	1,649,707	1,714,905	1,743,593	1,620,978	1,426,958	1,186,940	1,592,100	19,315,490
Sub-Total	58,869,893	53,406,478	54,693,357	57,362,007	54,754,635	52,027,371	55,619,497	51,153,001	56,161,449	52,502,425	56,754,357	658,268,069	
Daily Average	1,899,029	1,907,374	1,764,302	1,832,120	1,850,387	1,825,155	1,678,302	1,794,177	1,705,100	1,811,660	1,750,081	1,830,786	1,803,474



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami													
Agbami	7,673,237	6,911,197	7,260,541	7,129,704	7,366,482	6,988,914	7,185,954	7,504,015	7,370,173	7,458,706	7,222,239	7,208,956	87,280,118
Akpo	4,921,112	4,457,661	4,893,399	4,554,644	4,936,360	3,637,199	4,934,354	5,047,191	4,739,126	4,602,828	3,775,033	4,812,144	55,311,051
Escravos	392,180	436,147	487,345	528,805	553,738	533,162	561,010	548,230	485,998	539,103	535,641	567,999	6,169,358
Ima Condensate	28,513	27,655	25,235	25,725	25,751	23,025	25,897	28,413	25,776	26,256	23,845	25,962	312,053
Sub-Total	13,015,042	11,832,660	12,666,520	12,238,878	12,882,331	11,182,300	12,707,215	13,127,849	12,621,073	12,626,893	11,556,758	12,615,061	149,072,580
Daily Average	419,840.06	422,595.00	408,597.42	407,962.60	415,559.06	372,743.33	409,910.16	423,479.00	420,702.43	407,319.13	385,225.27	406,937.45	408,418
Plant Condensates													
BRT													
Bonny LNG	948,166	848,054	1,017,461	784,485	1,020,059	892,815	863,283	984,360	842,759	970,974	883,762	981,627	11,037,805
Sub-Total	1,230,030	1,161,247	1,252,442	1,199,041	1,337,101	1,205,334	1,142,449	1,295,001	1,117,196	1,245,241	1,179,434	1,174,642	14,539,158
Daily Average	39,678.38	41,473.12	40,401.35	39,968.04	43,132.28	40,177.81	36,853.20	41,774.21	37,239.88	40,169.06	39,314.47	37,891.69	39,833
Sub-Total Condensates	14,245,072	12,993,907	13,918,962	13,437,919	14,219,432	12,387,634	13,849,664	14,422,850	13,738,269	13,872,134	12,736,192	13,789,703	163,611,738
Daily Average - Condensates	459,518	464,068	448,999	447,931	458,691	412,921	446,763	465,253	457,942	447,488	424,540	444,829	448,251
Crude + Condensates													
Grand Total	73,114,965	66,400,385	68,612,319	68,401,519	71,581,438	67,142,269	65,877,035	70,042,346	64,891,270	70,033,582	65,238,617	70,544,060	821,879,808
Daily Average	2,358,547	2,371,442	2,213,301	2,280,051	2,309,079	2,238,076	2,125,066	2,259,431	2,163,042	2,259,148	2,174,621	2,275,615	2,251,726



Table 22: 2015 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams#

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crude Oil													
Crude Oil													
Abo	614,607	533,171	512,406	404,908	719,530	674,019	681,713	853,330	819,493	795,370	721,852	731,727	8,062,126
Antan	1,400,718	1,247,335	1,288,425	1,247,327	1,039,193	997,020	1,216,076	1,436,023	1,427,182	1,409,679	1,311,546	1,347,684	15,388,208
Bonga	6,391,747	5,493,690	6,142,674	5,517,239	5,691,424	5,269,729	6,553,325	5,956,433	5,304,177	6,254,647	5,749,466	5,906,047	70,030,598
Bonny	6,287,809	6,330,025	5,615,847	4,856,299	4,476,684	4,660,278	5,701,315	5,052,996	6,551,387	8,182,884	6,230,033	4,654,286	68,599,843
Brass	3,650,982	2,947,324	3,391,682	3,247,710	3,665,514	3,419,329	2,877,025	3,426,067	3,533,134	3,292,507	3,095,632	2,573,975	39,120,881
Ebok	960,133	839,956	961,686	869,721	916,634	822,918	804,561	864,398	829,068	822,013	748,724	814,803	10,254,615
Ekanga (Zaffiro)	344,007	299,320	318,401	295,920	331,390	295,920	305,784	331,390	271,140	305,784	308,130	293,167	3,700,353
Erla	3,016,250	2,701,584	2,890,022	2,567,702	2,720,632	2,753,501	2,854,006	1,331,295	2,647,480	3,041,095	3,062,448	3,883,901	33,469,916
Escravos	5,200,048	5,011,592	5,413,598	5,252,946	5,418,889	5,294,952	5,145,602	5,313,505	5,184,211	5,333,831	5,075,183	5,294,711	62,999,068
Forcados	5,082,065	6,287,708	6,928,765	2,893,059	4,216,292	4,267,106	6,401,993	6,561,757	6,545,479	6,491,431	6,599,786	6,507,488	68,782,930
Ima Crude	40,337	37,741	43,966	39,806	42,370	57,614	44,772	70,404	68,459	31,793	-	39,710	516,972
Ondu	2,108,030	1,870,542	2,030,051	2,078,839	2,160,774	1,539,792	1,970,176	2,222,089	1,981,215	2,176,026	2,367,188	2,524,015	25,029,537
Okono	900,295	816,828	763,244	566,351	600,398	706,166	685,212	672,283	584,639	669,719	639,448	854,586	8,459,169
Okoro	496,170	444,871	415,619	410,517	296,301	321,272	354,385	334,323	313,667	319,060	308,759	279,759	4,294,703
Okwori	641,505	524,887	564,220	535,730	581,604	566,584	559,532	543,473	491,187	535,381	489,661	487,527	6,521,371
Oyo	5	5	7	5	181,841	269,043	405,092	375,549	282,944	92,344	92,762	77,455	1,777,052
Pennington	421,304	351,050	499,193	407,058	409,110	375,751	356,575	326,944	311,480	433,099	409,023	418,954	4,719,541
Qualiboe	11,208,662	9,317,925	8,857,957	11,178,510	11,323,601	9,651,412	11,876,092	11,122,244	10,937,034	10,856,285	10,135,683	10,298,664	126,774,069
Sea Eagle	1,411,555	1,038,843	1,377,880	1,259,574	1,282,265	1,244,006	1,172,146	1,272,347	1,232,565	1,192,603	1,022,842	526,435	14,013,061
Tulia - Okwuibome	457,106	332,057	410,992	530,822	480,381	549,791	532,223	559,049	606,627	688,547	775,972	892,109	6,815,676
Ukpokiti	46,294	30,601	27,079	25,472	24,762	21,829	22,450	22,327	19,878	20,280	34,586	39,398	334,956
Usan	3,320,280	3,225,001	3,551,966	3,307,958	3,632,692	2,979,973	3,571,052	3,513,478	3,456,027	2,738,176	3,108,740	2,982,093	39,387,436
Yoho	1,673,584	1,431,469	1,075,167	1,546,080	1,600,485	1,171,487	1,443,375	1,606,926	1,401,359	1,500,957	1,432,325	1,462,065	17,345,249
Sub-Total	55,673,503	51,113,525	49,039,553	51,852,766	47,909,492	55,334,482	53,778,630	54,799,832	57,183,511	53,719,789	52,890,559	636,377,330	
Daily Average	1,795,921	1,825,483	1,712,311	1,634,652	1,672,670	1,596,983	1,734,795	1,826,661	1,844,629	1,790,660	1,706,147	1,743,500	



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami	7,144,353	6,420,196	7,059,853	6,913,132	7,182,127	7,010,270	7,220,212	7,351,291	7,176,247	7,453,924	7,159,575	7,248,405	85,339,385
Alpo	5,080,329	4,417,100	4,204,025	4,704,728	4,848,432	4,675,119	4,764,715	4,729,315	4,253,742	4,726,798	4,501,893	4,597,107	55,503,303
Escravos	956,491	592,450	813,703	835,674	926,231	905,608	1,095,081	778,489	799,696	714,750	748,660	913,438	10,080,271
Ima Condensate	25,247	21,205	24,265	25,192	27,169	25,912	28,653	25,164	25,187	23,981	22,349	21,652	295,976
Sub-Total	13,206,420	11,450,951	12,101,846	12,478,726	12,983,959	12,616,909	13,108,661	12,884,259	12,254,872	12,919,453	12,432,477	12,780,602	151,219,135
Daily Average	426,013.35	408,962.54	390,382.13	415,957.55	418,837.38	420,563.62	422,860.03	415,821.26	408,495.75	416,756.55	414,415.91	412,277.48	414,299
Plant Condensates													
BRT	221,073	185,032	178,937	290,575	285,801	271,147	329,681	343,328	284,120	306,631	217,405	323,505	3,237,236
Bonny/NGL	956,491	592,450	813,703	835,674	926,231	905,608	1,095,081	778,489	799,696	714,750	748,660	913,438	10,080,271
Sub-Total	1,177,564	777,482	992,640	1,126,249	1,212,032	1,176,755	1,424,762	1,121,817	1,083,816	1,021,381	966,065	1,236,943	13,317,507
Daily Average	37,985.94	27,767.22	32,020.64	37,541.64	39,097.80	39,225.17	45,960.07	36,187.65	36,127.21	32,947.77	32,202.18	39,901.39	36,486
Sub-Total	14,383,984	12,228,433	13,094,486	13,604,976	14,195,991	13,793,664	14,533,423	14,006,076	13,338,689	13,940,834	13,398,543	14,017,545	164,536,643
Daily Average - Condensates	463,999	436,730	422,403	453,499	457,935	459,789	468,820	451,809	444,623	449,704	446,618	452,179	450,785
Crude + Condensates													
Grand Total	70,057,528	63,341,958	66,176,133	62,644,529	66,048,757	61,703,156	68,867,905	67,784,706	68,138,521	71,124,345	67,118,332	66,908,104	800,913,972
Daily Average	2,259,920	2,262,213	2,134,714	2,088,151	2,130,605	2,056,772	2,253,803	2,186,603	2,271,284	2,294,334	2,237,278	2,158,326	2,194,285



Table 23: 2016 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams#

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crude Oil													
Abo	710,611	636,987	640,633	600,658	594,595	559,106	558,669	595,721	573,559	562,128	501,089	506,279	7,040,035
Aje	-	-	-	-	127,224	139,942	182,131	160,978	115,440	99,605	92,608	70,878	988,806
Antan	1,318,438	1,018,399	1,076,504	985,836	1,075,152	959,457	968,809	912,219	865,147	86,858	881,639	937,254	11,810,752
Bonga	6,335,735	5,502,444	6,012,411	6,167,361	5,577,493	6,266,249	6,640,856	6,399,179	6,456,882	6,488,727	6,254,229	6,391,196	74,452,762
Bonny	6,063,326	7,575,954	7,891,581	8,103,458	4,000,179	4,332,799	5,390,384	3,899,967	6,569,560	4,347,654	6,310,239	5,043,755	69,528,856
Brass	2,774,935	2,927,111	2,922,495	2,829,167	2,708,911	2,187,703	2,717,920	2,723,673	2,662,725	2,518,677	2,543,872	2,621,584	32,052,323
Ebok	734,064	716,903	786,621	740,866	733,838	668,572	644,832	633,759	627,874	628,573	578,549	374,230	7,868,681
Ekanga (Zaffiro)	280,178	274,253	293,167	283,710	280,178	258,930	280,178	267,561	258,930	280,178	246,720	254,944	3,258,927
Erha	3,751,292	3,507,118	3,688,108	3,428,707	3,828,429	3,806,913	3,879,793	4,392,355	4,170,265	4,332,995	3,717,922	3,293,768	45,757,675
Escravos	5,437,137	5,161,046	5,595,936	5,280,284	3,895,387	4,551,080	4,698,827	4,890,184	5,058,988	4,797,994	4,985,448	5,246,954	59,599,265
Forcados	7,113,382	2,995,776	17,608	2,716	3,144	129,000	173,286	74,223	48,246	1,561,230	1,668,238	373,256	14,160,105
Ima Crude	48,943	66,189	63,415	59,697	38,880	-	2,258	5,855	-	-	-	-	285,237
Odudu	2,399,539	1,776,988	1,706,392	2,060,195	2,419,066	2,480,574	2,645,563	2,624,195	2,357,926	2,636,081	2,444,638	2,566,612	28,117,769
Okano	745,623	673,330	874,040	816,063	760,596	763,666	176,956	594,224	757,367	769,155	688,056	731,883	8,350,959
Okoro	302,184	239,207	117,547	150,867	238,251	229,994	279,015	377,921	355,367	394,491	416,653	372,834	3,474,331
Okwori	326,026	413,499	449,265	402,847	432,267	403,191	432,390	402,151	383,743	360,078	344,024	332,159	4,682,040
Oyo	71,646	58,586	55,078	47,768	255,441	259,637	221,381	213,738	204,423	203,943	192,720	208,666	1,992,927
Pennington	434,486	426,192	484,582	499,206	494,030	468,315	247,744	425,523	444,040	449,173	508,006	550,938	5,432,225
Quai Iboe	10,789,183	9,498,247	10,324,515	9,117,287	6,588,585	7,311,571	4,317,663	6,163,0	309,490	5,825,343	8,211,460	6,600,815	79,205,809
Sea Eagle	384,872	1,013,234	964,415	935,264	1,010,696	985,828	1,006,296	1,026,970	946,904	934,166	921,431	818,329	10,948,405
Seplat Blend	-	-	62,786	95,904	200,176	129,777	594,498	594,587	306,593	193,149	288,984	412,891	2,899,345
Tujia - Okwibome	972,620	764,464	938,219	1,052,733	617,492	996,007	415,360	736,241	526,085	885,823	712,022	940,690	9,557,776
Ughelli Blend	-	-	-	410,319	574,484	572,323	522,028	101,225	309,612	98,799	96,354	191,773	2,876,917
Upokiti	32,323	17,203	15,363	15,782	17,558	17,096	19,137	18,922	18,471	19,961	19,021	18,739	229,576
Usan	3,534,341	3,419,780	3,492,567	3,250,208	3,380,935	2,592,763	2,520,073	3,454,152	2,784,676	3,152,812	3,255,304	2,547,833	37,385,444
Yoho	1,005,725	1,456,740	1,479,994	1,388,154	1,462,238	1,327,873	1,327,440	1,442,986	1,366,844	1,406,863	1,214,669	945,051	15,849,577
Sub-Total	55,516,609	50,139,650	49,953,242	48,725,097	41,265,366	40,863,507	36,950,139	38,482,707	43,809,756	47,303,925	42,353,301	537,806,524	
Daily Average	1,790,858	1,728,953,45	1,611,395	1,624,170	1,331,136	1,414,779	1,191,940	1,282,757	1,413,218	1,576,798	1,366,236	1,469,416,73	



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami	7,123,031	6,887,013	7,512,143	7,405,840	7,539,564	7,271,660	7,322,391	7,649,459	7,423,725	7,618,356	7,322,496	2,759,790	83,835,468
Ajpa	-	-	-	-	-	-	47,332	-	-	21,626	34,084	32,038	135,080
Akpo	4,410,471	3,063,899	4,361,153	4,154,820	4,301,827	4,341,295	4,533,059	4,339,078	4,258,580	4,126,139	4,152,415	49,847,029	
Escravos	539,101	510,102	489,403	519,633	254,837	211,484	130,406	161,216	235,269	304,223	152,272	158,448	3,666,394
Ima Condensate	22287	26401	23815	17,493	31,180	32,592	34,258	34,795	32,498	31,219	32,961	48,365	367,864
Sub-Total	12,094,890	10,487,415	11,629,654	12,304,119	11,980,401	11,817,563	12,075,682	12,378,529	12,030,570	12,234,004	11,667,952	7,151,056	137,851,835
Daily Average	390,158	361,635,00	375,150	410,137	386,465	393,919	389,538	399,307	401,019	394,645	388,932	230,679	376,644,36
Plant Condensates													
BRT	592,360	287,932	356,687	361,128	258,157	303,592	157,801	899	40,509	212,515	265,349	212,829	3,049,759
Bonny NLNG	955,223	669,395	608,569	807,212	925,476	942,404	841,374	194,594	705,409	1,082,495	949,928	818,854	9,800,934
Sub-Total	1,547,584	957,327	965,256	1,168,340	1,183,632	1,245,996	999,176	495,493	745,918	1,295,010	1,215,277	1,031,683	12,850,693
Daily Average	49,922	33,011,28	31,137	38,945	38,182	41,533	32,231	15,984	24,864	41,775	40,509	33,280	35,111,18
Sub-Total Condensates	13,642,474	11,444,742	12,594,910	13,472,459	13,164,033	13,063,559	13,074,858	12,874,022	12,776,488	13,529,014	12,883,229	8,182,739	150,702,528
Daily Average - Condensates	440,080	394,646,28	406,287	449,082	424,646	435,452	421,770	415,291	425,883	436,420	429,441	263,959	411,755,54
Crude + Condensates													
Grand Total	69,159,083	61,584,392	62,197,556	54,429,258	55,506,925	54,938,365	49,824,161	51,259,195	57,338,770	60,187,154	50,536,040	688,509,052	
Daily Average	2,230,938	2,123,600	2,017,682	2,073,252	1,755,783	1,850,231	1,739,947	1,607,231	1,708,640	1,849,638	2,006,238	1,630,195	1,881,172



Table 24: 2017 Monthly Summary of Reconciled Crude / Condensates Volumes by Streams*

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Crude Oil													
Abo													
Abo	483,939	378,434	409,973	401,503	430,569	439,143	455,232	442,560	405,488	370,033	351,007	365,591	4,933,672
Aje	65,407	54,102	57,145	53,613	66,238	98,227	103,942	102,711	96,486	55,832	100,912	58,255	912,870
Antan	908,960	770,677	825,220	716,663	755,364	722,308	717,424	706,819	686,179	658,399	750,071	867,185	9,085,269
Bonga	6,161,618	5,870,198	5,666,657	5,704,431	5,408,279	4,384,640	6,081,036	5,833,328	6,016,236	6,038,831	5,444,765	5,687,179	61,197,298
Bonny	5,297,873	5,897,444	5,808,855	5,990,503	6,963,981	4,172,219	4,017,134	6,401,156	4,625,200	4,555,699	6,521,058	6,254,518	66,505,640
Brass	2,668,668	2,316,050	2,665,666	2,702,624	2,798,962	2,773,800	2,784,475	2,880,698	2,591,041	2,751,820	2,693,630	2,734,127	32,361,561
Ebok	466,165	443,933	516,414	582,237	653,272	626,507	649,460	669,173	663,902	528,735	292,678	563,608	6,656,084
Ekanga (Zaffiro)	254,944	230,272	241,955	234,150	241,955	221,940	203,732	241,955	26,604	0	0	0	1,897,507
Erha	4,170,944	3,748,376	4,349,816	4,149,215	4,126,478	3,797,603	4,051,706	3,988,199	3,635,867	3,989,028	2,899,841	2,238,511	45,145,584
Estravos	5,191,198	4,576,533	4,879,487	5,082,363	5,339,764	5,167,384	5,255,493	5,280,547	5,009,857	5,257,088	5,109,608	5,159,327	61,318,649
Forcados	332,321	545,851	799,984	1,111,315	2,405,879	7,798,640	7,604,988	7,907,555	7,392,887	7,114,815	7,155,679	7,447,058	57,617,372
Odudu - Amenam	2,569,217	2,357,099	2,660,593	2,896,455	2,912,304	2,883,090	2,930,829	2,657,136	2,530,866	2,983,277	2,805,120	3,287,053	33,473,039
Okano	722,973	644,113	667,904	684,273	683,392	660,028	670,553	662,250	618,033	628,721	602,169	610,449	7,855,558
Okoro	282,544	250,401	286,814	278,176	300,243	349,339	189,049	320,295	321,793	383,201	397,062	222,792	3,581,709
Okwori	325,682	275,239	360,171	344,103	343,776	313,668	306,136	307,959	182,548	273,687	284,338	279,754	3,597,061
Otakipo Blend	0	23,369	106,449	4,396	149,242	142,768	145,519	183,667	195,889	195,789	194,631	207,607	1,549,326
Oyo	185,856	185,226	194,428	180,367	183,411	113,810	151,260	176,836	167,045	145,072	148,152	128,190	1,959,653
Pennington	600,833	536,532	404,002	446,605	565,680	570,050	706,142	785,005	684,205	246,630	354,405	734,483	6,634,572
Qua Iboe	8,798,894	5,719,655	5,640,447	7,315,882	6,983,983	6,502,300	7,381,939	7,005,970	6,209,824	6,889,143	7,041,460	7,194,961	82,664,458
Sea Eagle	468,435	643,374	620,438	629,711	831,320	885,854	893,758	919,679	851,650	902,416	675,241	793,329	9,115,405
Tulia - Okwubome	993,240	881,132	1,176,200	1,126,839	1,172,334	1,167,207	1,062,816	1,049,928	1,184,156	1,167,360	1,102,310	1,207,423	13,290,945
Upokiti	430,169	531,931	361,732	120,262	575,705	70,786	48,229	53,219	56,684	55,811	9,738	9,614	2,323,880
Usan	3,379,991	2,951,768	3,142,283	3,046,414	3,147,871	3,084,293	3,002,076	2,593,340	2,742,370	2,914,026	2,733,029	2,908,053	35,645,714
Yoho	735,914	800,049	727,892	894,209	834,550	1,122,499	1,318,012	643,538	1,210,300	1,319,591	1,101,367	931,766	11,639,687
Sub-Total	45,495,785	40,631,758	37,470,525	42,696,309	47,874,552	48,068,103	50,730,940	51,815,023	48,105,110	49,415,004	48,768,271	49,891,133	560,962,513
Daily Average	1,467,606	1,451,134	1,208,727	1,423,210	1,544,340	1,602,270	1,636,482	1,671,452	1,603,504	1,594,032	1,625,609	1,609,391	1,536,884



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami	7,536,623	6,866,945	7,504,618	7,096,035	7,506,494	7,357,572	7,455,732	7,325,312	6,342,302	6,913,904	6,672,903	7,058,996	85,697,436
Ajapa	24,201	37,633	35,711	56,115	41,478	40,764	41,331	42,842	36,792	29,738	37,074	21,206	444,885
Akpo	4,127,650	3,852,520	4,196,548	4,031,020	3,846,270	3,898,093	3,852,059	3,433,964	3,649,696	3,293,018	3,375,508	3,589,961	45,145,907
Estravos	155,912	286,786	480,772	507,555	505,935	481,680	422,902	528,741	469,048	574,625	542,005	699,24	5,655,185
Ima Condensate	35,186	35,195	36,550	25,327	32,616	32,418	32,040	31,653	27,675	29,459	28,082	30,547	376,748
Sub-Total	11,879,572	11,079,079	12,254,199	11,715,852	11,932,793	11,810,527	11,804,064	11,362,512	10,525,513	10,900,744	10,655,572	11,399,734	137,320,161
Daily Average	383,212	395,681	395,297	390,528	384,929	393,684	380,776	366,533	350,850	351,637	355,186	367,733	376,220
Plant Condensates													
BRT	277,063	231,699	196,800	229,901	174,909	185,293	204,469	190,543	113,085	123,154	91,159	57,437	2,075,512
Bonny LNG	900,456	668,074	959,044	1,048,800	1,025,696	962,946	968,888	1,019,736	900,888	952,787	954,693	745,370	11,107,379
Sub-Total	1,177,519	899,773	1,155,844	1,278,702	1,200,606	1,148,239	1,173,357	1,210,279	1,013,973	1,075,941	1,045,852	802,807	13,182,891
Daily Average	37,984	32,135	37,285	42,623	38,729	38,275	37,850	39,041	33,799	34,708	34,862	25,897	36,118
Sub-Total Condensates	13,057,091	11,978,852	13,410,043	12,994,554	13,133,399	12,958,766	12,977,421	12,572,791	11,539,486	11,976,685	11,701,424	12,202,541	150,503,052
Daily Average - Condensates	421,196	386,415	432,582	419,179	423,658	418,025	418,626	405,574	372,241	386,345	377,465	393,630	412,337
Crude + Condensates													
Grand Total	58,552,876	52,610,610	50,880,568	55,690,863	61,007,951	61,026,869	63,708,361	64,387,814	59,644,596	61,391,689	60,469,695	62,093,574	711,465,565
Daily Average	1,888,802	1,697,116	1,641,309	1,796,479	1,967,998	1,968,609	2,055,108	2,077,026	1,924,019	1,980,377	1,950,635	2,003,022	1,949,221



Table 25: Summary of Stabilized Crude / Condensates Volumes by Streams*

Stream / Blend	2010	2011	2012	2013	2014	2015	2016	2017
Crude Oil								
Abo	11,145,508	10,384,452	8,489,519	8,022,897	8,010,447	8,062,126	7,040,035	4,933,672
Aje	0	0	0	0	0	0	988,806	912,870
Antan	19,108,971	14,549,317	18,664,426	19,800,170	17,722,615	15,368,208	11,810,752	9,085,269
Bonga	65,026,519	52,296,510	64,067,957	50,904,162	58,238,730	70,030,598	74,452,762	61,197,298
Bonny	91,633,924	98,768,247	85,516,915	64,667,075	77,754,783	68,599,843	69,528,856	66,505,640
Brass	47,045,801	45,985,280	38,431,091	31,339,246	36,494,930	39,120,881	32,052,323	32,361,561
Ebok ^{1,4}	0	3,055,560	11,116,943	12,845,312	10,159,963	10,254,615	7,868,681	6,656,084
Ekanga (Zaffiro)	4,500,450	4,500,450	4,512,780	4,104,610	4,073,185	3,700,353	3,258,927	1,897,507
Erha	60,729,787	53,063,950	45,680,658	37,657,596	36,159,774	33,469,916	45,757,675	45,145,584
Escravos	95,476,023	90,252,503	82,992,947	75,172,726	70,697,665	62,999,068	59,599,265	61,318,649
Forcados	69,232,152	82,774,072	72,439,141	71,000,792	67,932,791	68,782,930	14,160,105	57,617,372
Ima Crude	0	0	0	0	560,856	516,972	285,237	0
Odudu Amenam	40,847,405	39,554,024	36,765,688	29,478,224	26,197,149	25,029,537	28,117,769	33,473,039
Okono	17,544,856	17,263,430	16,348,665	14,904,197	12,794,563	8,459,169	8,350,959	7,855,558
Okoro	5,885,411	5,767,803	6,170,120	6,601,054	6,011,655	4,294,703	3,474,331	3,581,709
Okwori	14,387,558	12,819,504	12,094,784	9,532,752	8,204,342	6,521,371	4,682,040	3,597,061
Otakipo Blend	0	0	0	0	0	0	0	1,549,326
Oyo	3,216,242	1,349,224	1,009,842	812,467	421,171	1,777,052	1,992,927	1,959,653
Pennington	11,129,213	10,558,221	9,102,862	7,357,435	5,505,439	4,719,541	5,432,225	6,634,572
Qua Iboe	131,357,971	133,001,588	128,852,443	130,674,938	134,956,728	126,774,069	79,205,809	82,664,458
Sea Eagle	29,746,886	23,080,837	21,075,517	15,626,909	7,206,421	14,013,061	10,948,405	9,115,405
Seplat Blend	0	0	0	0	0	0	2,899,345	0
Tulja - Okwuibome ²	0	1,326,212	1,622,834	2,985,561	4,762,983	6,815,676	9,557,776	13,290,945
Ughelli Blend	0	0	0	0	0	0	2,876,917	0
Ukpokitti	492,411	386,832	927,491	756,259	565,887	334,956	229,576	2,323,880
Usan ³	0	0	29,409,511	39,191,544	44,520,502	39,387,436	37,385,444	35,645,714
Yoho	33,368,769	30,371,559	27,685,727	25,141,246	19,315,490	17,345,249	15,849,577	11,639,687
Others*	0	0	0	41,668	0	0	0	0
Sub-Total	751,875,857	731,109,576	722,977,861	658,618,840	658,268,069	636,377,330	537,806,524	560,962,513
Daily Average	2,059,934	2,003,040	1,975,349	1,804,435	1,803,474	1,743,500	1,469,417	1,536,884
Condensates								
Field Condensates								
Agbami	87,169,459	88,304,428	85,041,559	84,871,128	87,280,118	85,339,585	83,835,468	85,697,436
Ajapa	0	0	0	0	0	0	135,080	444,885
Akpo	60,210,985	56,482,856	56,651,708	61,102,205	55,311,051	55,503,303	49,847,029	45,145,907
Escravos	1,892,148	4,041,513	5,088,278	4,896,351	6,169,358	10,080,271	3,666,394	5,655,185
Ima Condensate	537,469	531,515	246,582	259,429	312,053	295,976	367,864	376,748
Sub-Total	149,810,061	149,360,312	147,028,127	151,129,113	149,072,580	151,219,135	137,851,835	137,320,161
Daily Average	410,439	409,206	401,716	414,052	408,418	414,299	376,644	376,220



Stream / Blend	2010	2011	2012	2013	2014	2015	2016	2017
Plant Condensates								
BRT	3,669,898	2,909,182	2,735,999	3,210,877	3,501,353	3,237,236	3,049,759	2,075,512
Bonny NLNG	10,095,698	13,194,066	13,042,413	9,696,677	11,037,805	10,080,271	9,800,934	11,107,379
Sub-Total	13,765,596	16,103,248	15,778,412	12,907,554	14,539,158	13,317,507	12,850,693	13,182,891
Daily Average	37,714	44,118	43,110	35,363	39,833	36,486	35,111	36,118
Sub-Total - Condensates	163,575,657	165,463,560	162,806,539	164,036,667	163,611,738	164,536,643	150,702,528	150,503,052
Daily Average - Condensates	448,152	453,325	444,827	449,416	448,251	450,785	411,756	412,337
Crude + Condensates								
Grand Total	915,451,514	896,573,135	885,784,400	822,655,507	821,879,808	800,913,972	688,509,052	711,465,565
Daily Average	2,508,086	2,456,365	2,420,176	2,253,851	2,251,726	2,194,285	1,881,172	1,949,221

All volumes are in barrels.

1 Ebok and Tulja commenced operations in 2011.

2 Usan commenced operations in 2012

3 2017 reconciliation ongoing

*Qua Iboe 2010&2011 includes unspiked Oso Condensate volumes

*Others include 2013 production from Anambra Basin

*Ima Crude is production from Asaramatoru

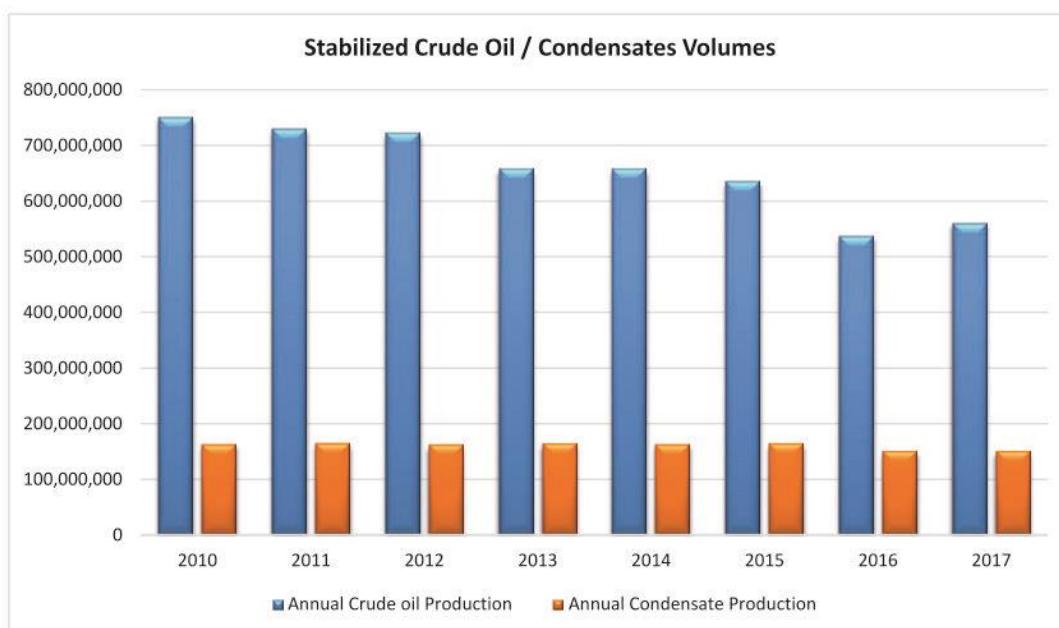


Figure 11: Stabilized Crude Oil / Condensates Annual Production Volumes



4.1.7.4 Nigerian Crude / Condensate Export

Table 26: Summary of Crude / Condensate Export by Crude Stream 2017

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abo	0	698,558	0	695,932	700,010	0	696,950	698,765	0	399,616	697,945	379,676	4,967,152
Aje	0	0	218,934	0	0	0	230,914	0	210,079	0	162,142	0	822,669
Antan	946,097	948,528	996,079	0	1,297,405	0	949,041	996,092	948,575	0	1,541,828	0	8,625,645
Bonga	6,139,028	5,733,674	1,091,760	2,799,233	5,685,899	3,795,532	6,539,996	6,185,542	6,117,071	5,727,367	5,825,649	5,730,907	61,371,978
Bonny	2,838,157	3,839,776	4,064,026	4,741,749	4,897,003	2,918,545	3,429,489	4,702,294	4,637,666	2,464,428	5,346,625	4,101,609	47,983,367
Brass	1,903,578	2,849,386	1,799,366	2,405,649	3,442,631	2,659,525	2,940,088	2,714,482	3,192,545	2,368,456	2,763,279	2,824,570	31,863,555
Ebok	605,101	608,355	610,627	601,915	611,439	636,897	592,870	622,857	615,589	630,060	0	637,295	6,773,005
Ekanga	0	0	0	996,155	0	0	0	0	947,469	0	0	0	1,943,624
Erha	3,949,293	3,807,747	4,846,031	3,950,248	3,958,918	3,995,490	4,000,705	3,979,990	3,852,073	3,880,003	2,807,931	1,901,782	44,849,711
Escravos	3,795,727	3,776,181	3,774,646	3,536,366	4,719,520	5,236,275	4,714,767	5,885,098	3,783,044	4,735,737	3,767,423	5,925,068	53,649,952
Forcados	0	0	0	0	2,946,835	6,701,070	8,290,774	7,635,014	7,413,499	6,382,194	7,394,572	5,788,269	52,552,227
Ima Crude	0	0	0	0	119,721	0	249,712	0	230,047	239,820	219,992	0	398,952
Odudu / Ameram	2,897,735	1,901,867	2,993,595	1,947,453	3,846,750	2,896,816	1,946,021	2,894,327	2,897,324	2,886,908	2,896,649	2,946,883	33,062,328
Okono	944,648	900,027	856,968	42,882	899,680	900,101	0	900,141	900,130	900,028	0	1,193,112	8,437,717
Okoro	996,906	0	0	999,562	0	0	997,128	0	0	996,593	0	0	3,990,169
Okwori	0	648,025	0	672,825	0	0	673,166	0	673,016	0	648,791	0	3,316,423
Ojo	0	332,164	345,949	0	0	351,602	0	0	681,648	0	0	384,897	2,096,260
Pennington	0	964,405	0	873,446	0	995,424	972,246	0	1,007,233	0	1,032,431	0	5,845,185
Qua Iboe	7,754,724	4,754,703	6,645,179	8,551,496	6,701,924	6,652,606	6,649,288	5,700,759	8,561,093	5,699,881	6,647,318	7,600,447	81,919,418
Sea Eagle	947,502	0	947,102	948,251	995,247	0	1,695,163	199,728	947,057	946,879	449,421	1,597,431	9,673,781
Tujia - Okwuibome	998,186	678,069	998,160	997,936	997,965	1,295,699	997,997	997,869	1,995,987	997,881	952,863	1,926,382	13,834,994
Ukpokiti	603,485	0	195,586	0	0	0	0	751,002	387,551	0	0	0	1,943,624
Usan	4,046,099	1,995,020	3,996,349	1,997,153	3,998,543	2,999,293	2,985,825	2,997,637	1,904,783	2,946,207	3,047,831	2,997,028	35,911,668
Yoho	313,805	950,574	1,264,638	323,849	948,303	950,212	950,064	950,301	950,136	1,223,725	1,264,051	1,243,743	11,333,401
Sub-Total Crude Oil	39,687,071	35,388,259	35,644,995	37,201,821	46,648,072	43,234,799	50,252,392	49,141,945	52,863,388	43,335,955	47,245,549	47,578,051	528,226,297
Daily Average	1,280,228	1,263,866	1,149,839	1,240,061	1,441,160	1,621,045	1,585,224	1,762,113	1,397,934	1,574,985	1,534,776	1,447,195	



Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Condensates													
Field Condensates													
Agbami													
Agbami	6,551,331	7,700,135	6,817,295	7,794,091	6,816,666	7,794,736	6,821,092	7,745,907	6,799,982	6,791,078	6,745,415	7,257,136	85,634,864
Ajapa	0	0	0	0	0	0	651,651	0	299,738	0	94,382	0	1,045,771
Akpo	3,995,887	4,005,040	3,996,058	2,996,909	5,049,667	2,997,490	5,003,004	2,997,917	3,979,542	3,005,623	2,993,273	3,944,352	45,045,662
Escravos	0	225,504	483,299	418,281	466,469	493,908	55,815	0	0	419,028	472,584	534,161	3,569,049
Ima Condensates	0	0	0	119,991	0	0	0	0	0	84,927	0	0	204,918
Sub-Total	10,547,218	11,970,679	11,297,552	11,329,272	12,332,802	11,937,785	11,879,911	11,043,562	10,779,524	10,435,038	10,211,272	11,735,649	135,500,264
Daily Average	340,233	427,524	364,437	377,642	397,832	397,926	383,223	356,244	359,317	336,614	340,376	378,569	371,234
Plant Condensates													
BRT													
Bonny/NLNG	269,709	243,180	550,125	539,400	0	269,686	269,700	0	296,256	0	0	0	2,436,056
Sub-Total	827,224	566,703	279,634	826,774	830,496	818,674	836,861	1,389,512	1,264,773	1,123,975	268,666	524,261	8,557,554
Daily Average	35,385	28,924	26,766	45,559	26,790	36,279	35,696	44,823	18,701	36,257	8,956	16,912	30,125
Sub-Total Condensates	10,547,218	11,970,679	11,297,552	11,329,272	12,332,802	11,937,785	11,879,911	11,043,562	10,779,524	10,435,038	10,211,272	11,735,649	146,495,874
Daily Average	340,233	427,524	364,437	377,642	397,832	397,926	383,223	356,244	359,317	336,614	340,376	378,569	401,359
Crude + Condensates													
Total Export	50,234,289	47,358,938	46,942,547	48,531,093	58,980,874	55,172,584	62,132,303	60,185,507	63,642,912	53,770,993	57,460,821	59,313,700	674,722,171
Daily Average	1,620,461	1,691,391	1,514,276	1,617,703	1,902,609	1,839,086	2,004,268	1,941,468	2,121,430	1,734,548	1,915,361	1,913,345	1,848,554

All volumes are in barrels



Table 27: Summary of Crude / Condensate Supply to Local Refineries

Stream / Blend	January	February	March	April	May	June	July	August	September	October	November	December	Total
Port Harcourt Refinery													
Bonny	1,946,177	1,896,040	1,450,444	1,888,603	2,048,799	1,591,016	1,256,928	948,339	0	1,891,600	948,399	2,174,003	18,040,948
Escravos	1,348,806	949,102	949,853	1,089,768	1,038,092	313,809	205,593	271,662	890,688	334,984	1,018,709	0	8,411,066
SEPLAT Blend	194,561	96,364	340,799	219,722	196,722	278,192	236,402	76,271	155,892	0	0	0	1,794,925
Ughelli Blend	99,174	185,963	112,555	99,305	287,724	196,396	-	98,130	100,382	0	0	0	1,179,629
SubTotal	1,642,541	1,231,429	1,403,207	1,408,795	1,522,538	788,397	441,995	446,063	1,146,962	334,984	1,018,709	0	11,385,620
Niger Delta Petroleum													
Obiole*	17,168	19,030	26,394	17,066	21,294	17,297	22,701	15,891	20,546	26,222	25,941	24,820	254,370
Total Supply to Local Refineries	3,605,886	3,146,499	2,880,045	3,314,464	3,592,631	2,396,710	1,721,624	1,410,293	1,167,508	2,252,806	1,993,649	2,198,823	29,680,938

All volumes are in barrels



Table 28: Summary of Crude / Condensate Export

Stream / Blend	2010	2011	2012	2013	2014	2015	2016	2017
Abo	11,122,508	10,435,925	8,318,864	7,973,515	8,298,092	8,184,624	6,981,146	4,967,452
Aje	0	0	0	0	0	0	922,703	822,669
Antan	19,161,225	14,201,969	18,551,764	19,936,820	18,112,986	14,396,706	12,373,609	8,625,645
Bonga	65,062,445	51,637,104	64,283,129	50,858,029	58,282,931	69,715,081	74,973,146	61,371,978
Bonny	84,732,535	85,632,150	74,644,120	56,983,360	67,745,358	65,601,732	55,981,328	47,983,367
Brass	46,807,579	46,321,912	38,935,783	30,866,918	36,400,244	38,946,913	33,148,423	31,863,555
Ebok ¹	0	2,632,888	11,083,168	13,118,644	9,772,103	10,274,484	7,989,189	6,773,005
Ekanga	0	0	0	0	3,763,224	3,710,955	3,832,897	1,943,624
Erha	61,312,426	52,491,417	46,411,568	37,031,702	35,959,867	33,431,160	45,836,394	44,849,711
Escravos	67,842,754	64,008,180	60,861,373	49,395,756	59,259,056	59,054,243	47,153,315	53,649,852
Forcados	66,334,530	74,836,802	69,586,326	66,228,558	66,442,803	69,510,040	15,528,254	52,552,227
Ima Crude	0	0	0	0	544,421	422,934	301,120	1,458,244
Odudu	40,678,097	39,129,520	37,841,145	28,080,832	26,478,183	25,321,991	28,414,779	33,062,328
Okono	18,051,652	17,051,254	16,630,272	14,831,286	12,053,749	9,296,812	7,694,089	8,437,717
Okoro	5,948,727	5,375,374	6,358,125	6,431,941	5,608,008	4,840,795	2,771,027	3,990,169
Okwori	14,455,280	12,913,267	11,767,917	9,057,835	8,460,061	6,859,162	4,588,428	3,316,423
Oyo	3,612,118	1,350,055	1,015,747	671,221	5,455,256	1,646,071	1,945,602	2,096,260
Pennington	10,845,935	10,766,479	8,792,567	6,891,180	5,834,616	4,939,155	5,822,451	5,845,185
Qua Iboe ⁴	131,869,897	132,858,617	129,434,223	130,387,983	134,322,114	125,618,831	79,949,054	81,919,418
Sea Eagle	29,852,439	22,449,218	20,830,329	16,175,525	7,028,594	13,629,727	11,068,954	9,673,781
Tulja - Okwuibome ²	0	587,591	2,132,939	2,957,822	4,202,870	7,422,126	8,626,355	13,834,994
Ukpokiti	326,047	295,409	804,835	982,136	546,255	0	402,846	1,943,624
Usan ³	0	0	28,942,683	38,357,661	44,518,002	39,729,126	37,297,111	35,911,668
Yoho	33,188,540	30,675,473	27,699,067	24,969,999	18,971,337	17,461,456	16,177,350	11,333,401
Sub-Total Crude Oil	711,204,734	675,650,604	684,925,944	612,188,723	638,060,130	630,014,124	509,779,570	528,226,297
Daily Average	1,948,506	1,851,098	1,871,382	1,677,229	1,748,110	1,726,066	1,392,840	1,447,195
Condensates								
Field Condensates								
Agbami	86,914,891	88,318,131	85,216,347	84,752,375	86,171,532	85,628,159	84,710,980	85,634,864
Ajapa	0	0	0	0	0	0	128,874	1,045,771
Akpo	60,310,968	56,874,365	57,429,881	60,787,043	51,618,224	55,354,492	50,639,254	45,045,662
Escravos	0	0	0	0	4,159,914	5,084,334	2,918,33	3,569,049
Ima - Condensate	587,031	443,148	360,694	209,822	231,712	448,182	242,151	204,918
Sub-Total	147,812,890	145,635,644	143,006,922	145,749,240	142,181,382	146,515,167	138,639,632	135,500,264
Daily Average	404,967	399,002	390,729	399,313	389,538	401,411	378,797	371,234



Stream / Blend	2010	2011	2012	2013	2014	2015	2016	2017
Plant Condensates								
BRT	3,561,910	3,592,269	2,465,534	3,266,939	3,588,394	3,140,845	2,745,861	2,438,056
Bonny NLNG	8,711,598	9,461,472	10,940,021	9,017,151	9,663,000	8,987,510	7,724,523	8,557,554
Sub-Total	12,273,508	13,053,741	13,405,555	12,284,090	13,251,394	12,128,355	10,470,383	10,995,610
Daily Average	33,626	35,764	36,627	33,655	36,305	33,228	28,608	30,125
Sub-Total Condensates	160,086,398	158,689,385	156,412,477	158,033,330	155,432,776	158,643,522	149,110,015	146,495,874
Daily Average	438,593	434,765	427,356	432,968	425,843	434,640	407,404	401,359
Crude + Condensates								
Total Export	871,291,132	834,339,989	841,338,421	770,222,053	793,492,906	788,657,646	658,889,585	674,722,171
Daily Average	2,387,099	2,285,863	2,298,739	2,110,197	2,173,953	2,160,706	1,800,245	1,848,554

*All volumes are in barrels

*Ebok commenced operations in 2011.

1 Crude and Condensate comingled at QIT since 2012

2 Okwuibome commenced operations in 2011

3 Usan commenced operations in 2012

4 Qua Iboe volumes include Oso Condensates, which were reported separately in 2010 & 2011 in our earlier editions

Table 29: 2017 Crude Export Destination Summary

Stream	Africa	Asia	Oceania / Pacific	Europe	North America	South America
Abo	1,099,626	-	-	3,867,826	-	-
Agbami	1,948,724	39,479,833	5,745,954	7,704,319	22,362,251	8,767,728
Ajapa	94,382	-	-	651,651	-	-
Aje	-	-	591,755	230,914	-	-
Akpo	3,853,964	16,926,594	-	12,969,092	19,970,893	-
Antan	-	-	-	8,027,455	598,190	-
Bonga	7,954,403	8,537,501	-	25,211,407	12,893,792	949,026
Bonny	8,442,003	23,258,760	-	12,691,658	996,197	2,594,375
Brass	11,301,573	3,532,667	-	13,871,690	2,707,835	449,790
Ebok	-	-	-	4,941,720	1,831,285	-
Erha	22,374,885	7,826,693	-	9,847,904	999,063	952,134
Escravos	3,326,066	9,496,770	-	35,158,174	2,842,175	2,826,658
Forcados	5,794,342	6,727,784	-	27,251,798	8,341,675	3,894,195
Ima	-	-	-	204,918	-	-
Odudu	-	2,946,280	-	11,785,970	17,377,098	952,980
Okono Blend	-	899,680	-	3,893,097	3,644,940	-
Okoro	-	-	-	2,993,263	996,906	-
Okwori Blend	673,016	-	-	2,643,407	-	-
Otakikpo	-	239,820	-	1,218,424	-	-
Oyo	-	-	-	2,096,260	-	-
Pennington	2,004,677	-	-	3,840,508	-	-
Qit	10,451,025	41,814,755	-	18,033,963	11,619,675	-
Sea Eagle	449,421	948,251	-	6,679,687	1,596,422	-
Tulja	-	8,866,983	-	4,967,982	-	-
Ukpokiti	-	247,327	-	1,696,297	-	-
Usan	999,882	10,039,336	-	17,879,102	6,993,348	-
Yoho	1,610,258	-	275,622	5,688,564	3,758,957	-
Total	82,378,247	181,789,034	6,613,331	246,047,050	119,530,702	21,386,886



Table 30: Crude Export Destination History (Percent)

Region	2013	2014	2015	2016	2017
Europe	42.8	45.8	45.6	34.9	37.3
North & South America	23.8	15.2	13.4	22.5	21.4
Asia	20.1	25	26.8	27.9	27.7
Africa	11.1	12.6	13.9	14.6	12.5
Oceania / Pacific	2.2	1.3	0.3	0.1	1

Table 31: Average Price of Nigeria's Crude Streams as Quoted by Platts in USD*

Year	Escravos	Brass	Agbami	Forcados	Bonny	Qua Iboe	Akpo	Bonga
2011	111.943	112.018	110.498	112.925	111.968	112.137	*	*
2012	113.103	112.823	110.712	114.212	112.838	113.209	*	*
2013	111.222	110.231	108.957	111.945	110.473	110.877	110.449	112.866
2014	100.658	99.837	99.360	101.349	100.702	100.802	99.373	101.133
2015	53.863	53.142	52.641	54.481	54.159	54.286	52.685	54.181
2016	44.855	44.838	44.495	44.540	45.229	45.490	44.483	45.055
2017	54.910	54.990	53.930	54.650	54.990	55.090	54.285	55.040

Source: Platts

* Price assessment not available

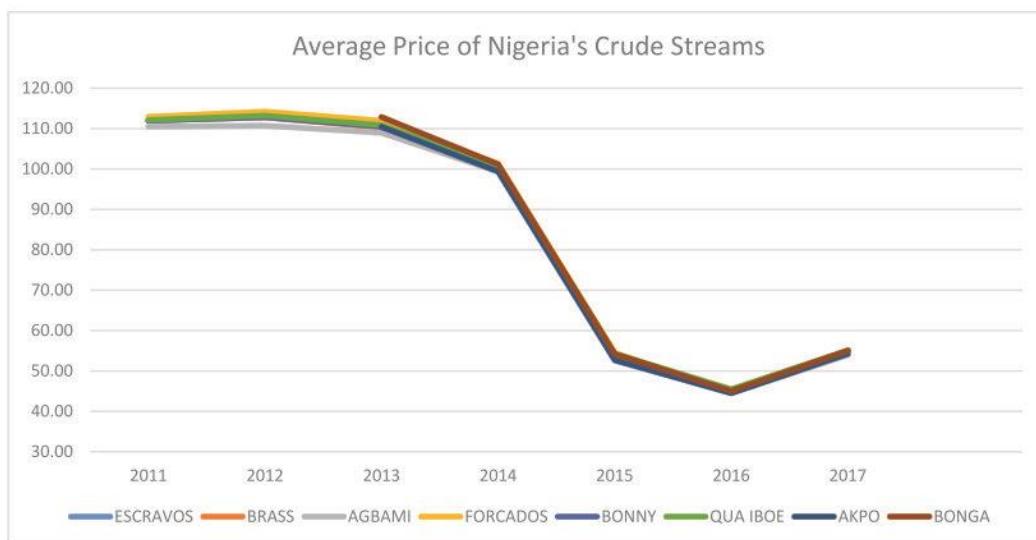


Figure 12: Average Price of Nigeria's Crude Streams as Quoted by Platts



Table 32: Major Oil Production (Addition) Development Project

S/No	OML	Terrain	Development	Project	Company	Addition (Mbopd)	Status
1	140	Ultra Deepwater Production	Greenfield	Nsiko Field Development	Mobil Producing Nigeria Unlimited	100	Definition
2	133	Deepwater Production	Greenfield	Bosi Field Development	Mobil Producing Nigeria Unlimited	140	Definition
3	140	Deepwater Production	Greenfield	Uge Field Development	Mobil Producing Nigeria Unlimited	110	Definition
4	70	Deepwater Production	Greenfield	Satellite Fields Development	Mobil Producing Nigeria Unlimited	80	Definition
5	130	Deepwater Production	Greenfield	Egina Field Development	Total Upstream Nigeria Limited	208	Installation / Construction
6	118	Deepwater Production	Greenfield	Bonga SouthWest Aparo	Shell Nigeria Exploration & Production Company	150	Front End Engineering
7	N/A*	Deepwater Production	Greenfield	Zabazaba/Etan Field Development	Nigeria Agip Exploration	120/150	Concept selection
8	91	Offshore Production	Greenfield	Sonam Field Development	Chevron Nigeria Limited	30	Detailed Engineering
9	86/88	Onshore Production	Brownfield	Dibi Long Term Field Development	Chevron Nigeria Limited	60	Installation / Construction
10	99	Offshore Production	Brownfield	Ikike Field Development	Total Exploration & Production Nigeria Limited	32	Front End Engineering
11	123	Offshore Production	Brownfield	Antan Field Development	Addax Petroleum Development Nigeria Limited	12	Detailed Engineering
12	67	Offshore Production	Greenfield	Okwok Field Development	Oriental Energy Resources Limited	40	Front End Engineering
13	11	Onshore Marginal Production	Greenfield	Otakikpo Marginal Field	Green Energy International Limited	10	Fabrication
14	147	Onshore Marginal Production	Greenfield	Owa Alidinma Flow Station	Pan Ocean Oil Corporation	20	Front End Engineering
15	11	Onshore Marginal Production	Greenfield	Asaramatoru Field Project	Prime Exploration & Production Limited	20	Front End Engineering



4.2 DOWNSTREAM

4.2.1 Refinery Activities

Table 33: Summary of Refineries*

Process Unit	Kaduna Refining & Petrochemical Company	Port Harcourt Refining Company (New)	Port Harcourt Refining Company (Old)	Warri Refining & Petrochemical Company	Niger Delta Petroleum Resources	Total
Configuration	Conversion	Conversion	Hydroskimming	Conversion	Topping	
Feedstock	Escravos, Ughelli blend, Basra, Urals	Bonny light	Bonny light	Escravos, Ughelli blend	Ogbelle	
Products	Fuels, Petrochemicals, Base Oil	Fuels	Fuels	Fuels, Petrochemicals (Polypropylene & Carbon black)	Diesel	
Crude distillation	110,000	150,000	60,000	125,000	1,000	446,000
Condensate splitting					NA	NA
Vacuum distillation	38,200	54,000	NA	40,000	NA	132,200
Catalytic hydrotreating (desulphurization)	46,300	33	14,500	17,000	NAP	110,800
of which: Naphtha	24,000	33,000	NA	NA	NAP	57,000
of which: Gasoline	NA	NA	NA	NA	NAP	NA
of which: Gas oil/diesel	NA	NA	NA	NA	NAP	NA
of which: Other	22		15	17	NAP	53,800
Fluid catalytic cracking	21	40	NA	25	NAP	86,000
Hydrocracking	NAP	NAP	NAP	NAP	NAP	NAP
Coking	NA	NA	NA	NA	NAP	NA
Visbreaking	NA	NA	NA	NA	NAP	NA
Catalytic reforming	17,500	33,000	6,000	17,000	NAP	73,500
Alkylation	6,500	7,200	NA	2,500	NAP	16,200
Aromatics/Isomerization	NAP	3,611	NA	NAP	NAP	3,611
Lubes	34,470	NAP	NA	NAP	NAP	34,470
Asphalt	15,800	NA	NA	NA	NAP	15,800
Hydrogen	NA	NA	NA	NA	NAP	NA
MTBE	NA	NA	NA	NA	NAP	NA
Propylene	NA	NA	NA	NA	NAP	NA
LPG	NA	NA	NA	NA	NAP	NA
Sulphur	NA	NA	NA	NA	NAP	NA
Refinery intake						
Crude oil (b/d)						
Q1	33,781.66	8,705.02	0.00	19,635.45	695.47	62,817.59
Q2	22,064.21	8,707.71	0.00	3,860.28	611.62	35,243.82
Q3	0.00	3,588.41	0.00	14,999.43	642.80	19,230.65
Q4	10,976.04	7,050.27	0.00	20,594.48	836.77	39,457.57
2017	16,597.23	6,998.94	0.00	14,775.66	696.90	39,068.73
Utilization rate (%)						
Q1	30.71%	5.80%	0.00%	15.71%	69.55%	14.08%
Q2	20.06%	5.81%	0.00%	3.09%	61.16%	7.90%
Q3	0.00%	2.39%	0.00%	12.00%	64.28%	4.31%
Q4	9.98%	4.70%	0.00%	16.48%	83.68%	8.85%
2017	15.09%	4.67%	0.00%	11.82%	69.69%	8.76%

*All units are in BPSD



Table 34: Local Refining Capacities

		Kaduna Refining & Petrochemical Company	Port Harcourt Refining Company (New)	Port Harcourt Refining Company (Old)	Warri Refining & Petrochemical Company	Niger Delta Petroleum Resources	Total	Capacity Utilization, %
Designed Capacity, BPSD	110,000.00	150,000.00	60,000.00	125,000.00	1,000.00	446,000.00		
Crude Oil Processed, BPSD	2010	21,986.72	19,345.38	-	53,345.20	-	94,677.30	21.23
	2011	20,896.79	31,853.02	-	49,731.41	222.03	102,703.25	23.03
	2012	31,981.86	24,530.97	-	34,868.71	557.45	91,938.99	20.61
	2013	32,452.43	44,937.47	-	20,925.04	185.18	98,500.12	22.09
	2014	12,160.39	23,557.15	-	24,049.59	503.71	60,270.84	13.51
	2015	3,297.36	9,274.21	-	8,337.64	714.66	21,623.87	4.85
	2016	10,310.69	32,669.98	-	14,746.13	605.43	58,332.23	13.08
	2017	16,597.23	6,998.94	-	14,775.66	696.90	39,068.73	8.67

* Old Port Harcourt Refinery was not operational during the period under review.

"NDPR commenced AGO production in May 2011.

4.2.1.1 Summary of Refined Products

Table 35: 2017 Refinery Production Volumes, Metric Tonnes

Month	Product	Warri Refining & Petrochemical Co. (WRPC)	Kaduna Refining & Petrochemical Co. (KRPC)	PortHarcourt Refinery (PHRC)	Niger Delta Petroleum Resources (NDPR)	Total	Total, Litres
January	Petrol	1,360	28,763	44,003	NAP	74,126	99,402,886
	Diesel	50,668	23,199	82,238	1,307	157,412	183,227,731
	Kerosene	34,427	11,288	40,941	NAP	86,656	106,760,678
	Fuel Oil	7,585	0	75,908	NAP	83,493	87,667,920
	LPG	0	0	3,102	NAP	3,102	5,442,114
February	Petrol	2,200	40,764	41,160	NAP	84,124	112,810,444
	Diesel	51,221	32,214	74,529	1,444	159,408	185,551,490
	Kerosene	37,277	13,966	47,373	NAP	98,616	121,495,348
	Fuel Oil	419	0	55,929	NAP	56,348	59,165,300
	LPG	0	0	1,710	NAP	1,710	3,000,005
March	Petrol	9,929	38,742	62,728	NAP	111,399	149,385,690
	Diesel	0	40,829	22,703	2,008	65,540	76,288,230
	Kerosene	0	16,248	14,909	NAP	31,157	38,385,424
	Fuel Oil	11,081	18,923	35,817	NAP	65,821	69,111,660
	LPG	0	0	334	NAP	334	585,966
April	Petrol	15,017	34,593	37,177	NAP	86,787	116,381,730
	Diesel	9,176	30,197	58,979	1,299	99,652	115,994,672
	Kerosene	6,826	11,504	29,131	NAP	47,461	58,472,020
	Fuel Oil	13,670	4,454	54,307	NAP	72,431	76,052,810
	LPG	0	0	926	NAP	926	1,624,564
May	Petrol	1,802	26,077	48,758	NAP	76,637	102,770,845
	Diesel	0	42,376	63,788	1,607	107,771	125,445,849
	Kerosene	0	15,718	32,266	NAP	47,984	59,116,288
	Fuel Oil	2,018	18,160	90,021	NAP	110,199	115,709,400
	LPG	0	0	4,107	NAP	4,107	7,205,274



Month	Product	Warri Refining & Petrochemical Co. (WRPC)	Kaduna Refining & Petrochemical Co. (KRPC)	PortHarcourt Refinery (PHRC)	Niger Delta Petroleum Resources (NDPR)	Total	Total, Litres
June	Petrol	0	9,540	56,136	NAP	65,676	88,071,516
	Diesel	0	0	0	1,295	1,295	1,507,956
	Kerosene	0	2,591	46,960	NAP	49,551	61,046,832
	Fuel Oil	0	13,643	43,816	NAP	57,459	60,331,950
	LPG	0	0	27,137	NAP	27,137	47,608,846
July	Petrol	0	0	22,716	NAP	22,716	30,462,156
	Diesel	873	869	35,008	1,707	38,457	44,764,290
	Kerosene	1,381	0	22,623	NAP	24,004	29,573,356
	Fuel Oil	26,551	0	54,809	NAP	81,360	85,427,940
	LPG	0	0	3,000	NAP	3,000	5,263,166
August	Petrol	3,550	0	5,846	NAP	9,396	12,600,016
	Diesel	41,132	0	15,995	1,201	58,328	67,893,541
	Kerosene	26,462	0	4,410	NAP	30,872	38,034,330
	Fuel Oil	25,999	4,517	27,240	NAP	57,756	60,643,770
	LPG	0	0	568	NAP	568	996,493
September	Petrol	7,396	0	33,823	NAP	41,219	55,275,063
	Diesel	421	0	32,636	1,536	34,593	40,266,507
	Kerosene	0	0	17,381	NAP	17,381	21,413,392
	Fuel Oil	4,517	0	22,335	NAP	26,852	28,194,750
	LPG	0	0	1,334	NAP	1,334	2,340,355
October	Petrol	4,834	0	40,637	NAP	45,471	60,976,217
	Diesel	8,473	0	54,585	1,873	64,930	75,578,830
	Kerosene	7,329	0	48,951	NAP	56,280	69,336,632
	Fuel Oil	897	0	50,188	NAP	51,085	53,639,400
	LPG	0	0	2,000	NAP	2,000	3,508,777
November	Petrol	11,075	0	0	NAP	11,075	14,851,320
	Diesel	24,608	0	0	1,872	26,481	30,823,603
	Kerosene	16,387	0	0	NAP	16,387	20,189,090
	Fuel Oil	13,945	0	0	NAP	13,945	14,641,940
	LPG	0	0	0	NAP	0	0
December	Petrol	17,497	10,689	34,890	NAP	63,076	84,584,439
	Diesel	33	21,659	73,984	1,851	97,527	113,521,590
	Kerosene	0	8,851	44,370	NAP	53,221	65,568,272
	Fuel Oil	0	0	63,857	NAP	63,857	67,049,850
	LPG	0	0	3,244	NAP	3,244	5,691,237
Total	Petrol	74,660	189,168	427,874	NAP	691,702	927,572,322
	Diesel	186,606	191,343	514,445	19,001	911,395	1,060,864,289
	Kerosene	130,090	80,166	349,315	NAP	559,571	689,391,662
	Fuel Oil	106,682	59,697	574,227	NAP	740,606	777,636,690
	LPG	0	0	47,462	NAP	47,462	83,266,796



Table 36: Summary of Refinery Production Volumes, Metric Tonnes

Month	Product	Warri Refining & Petrochemical Co. (WRPC)	Kaduna Refining & Petrochemical Co. (KRPC)	PortHarcourt Refinery (PHRC)	Niger Delta Petroleum Resources (NDPR)*	Total, MT	Total, Litres
2010	Petrol	479,027.07	178,036.37	199,611.02	NAP	856,674.46	1,148,800,451.54
	Diesel	665,285.40	259,389.13	191,363.89	NAP	1,116,038.42	1,299,068,721.38
	Kerosene	403,943.34	120,740.93	148,250.59	NAP	672,934.86	829,055,748.07
	Fuel Oil	NA	NA	NA	NAP	NA	NA
	LPG	NA	NA	NA	NAP	NA	NA
2011	Petrol	501,974.35	305,657.11	393,919.52	NAP	1,201,550.98	1,611,279,865.13
	Diesel	637,286.77	224,750.40	354,710.79	4,325.82	1,221,073.78	1,421,329,877.73
	Kerosene	385,651.46	119,243.93	237,189.30	NAP	742,084.69	914,248,338.68
	Fuel Oil	NA	NA	NA	NA	NA	NA
	LPG	NA	NA	NA	NA	NA	NA
2012	Petrol	330,212.60	309,449.00	226,217.10	NAP	865,878.72	1,161,143,364.20
	Diesel	420,117.96	295,094.99	290,817.56	13,299.31	1,019,329.82	1,186,499,913.09
	Kerosene	276,130.76	162,629.01	158,058.35	NAP	596,458.12	734,836,404.33
	Fuel Oil	NA	NA	NA	NA	NA	NA
	LPG	NA	NA	NA	NA	NA	NA
2013	Petrol	357,720.45	399,536.00	258,326.82	NAP	1,015,583.27	1,361,897,160.51
	Diesel	542,428.49	308,460.00	175,646.88	4,579.31	1,031,114.68	1,200,217,487.14
	Kerosene	381,348.00	200,361.99	138,622.59	NAP	720,332.58	887,449,739.15
	Fuel Oil	NA	NA	NA	NAP	NA	NA
	LPG	NA	NS	NA	NAP	NA	NA
2014	Petrol	298,876.36	139,350.99	65,110.14	NAP	503,337.49	674,975,574.49
	Diesel	283,063.14	137,831.00	573,017.61	13,479.89	1,007,391.64	1,172,603,874.45
	Kerosene	196,719.64	89,083.95	182,192.37	NAP	467,995.96	576,571,023.10
	Fuel Oil	NA	NA	NA	NAP	NA	NA
	LPG	NA	NA	NA	NAP	NA	NA
2015	Petrol	84,758.39	40,663.68	156,379.57	NAP	281,801.64	377,896,000.22
	Diesel	92,874.57	24,055.84	120,184.71	19,167.42	256,282.54	298,312,876.99
	Kerosene	74,272.73	20,603.90	68,732.95	NAP	163,609.58	201,567,000.13
	Fuel Oil	NA	NA	NA	NAP	NA	NA
	LPG	NA	NA	NA	NAP	NA	NA
2016	Petrol	209,636.51	120,209.00	266,801.00	NAP	596,646.51	800,102,983.32
	Diesel	164,246.60	109,712.00	572,735.00	16,687.49	863,381.09	1,004,975,588.76
	Kerosene	119,009.20	57,817.00	242,273.00	NAP	419,099.20	516,330,202.08
	Fuel Oil	NA	NA	NA	NAP	NA	NA
	LPG	NA	NA	NA	NAP	NA	NA
2017	Petrol	74,660	189,168	427,874	NAP	691,702	927,572,322.00
	Diesel	186,606	191,343	514,445	19,001	911,395	1,060,864,289.00
	Kerosene	130,090	80,166	349,315	NAP	559,571	689,391,662.00
	Fuel Oil	106,682	59,697	574,227	NAP	740,606	777,636,690.00
	LPG	0	0	47,462	NAP	47,462	83,266,795.74

* NDPR commenced diesel production in May 2011.



4.2.1.2 Status of Licensed Refinery Projects

Table 37: Status of Licensed Refinery Projects

S/N	Licensee	Plant Location	Capacity (BSPD)	Refinery Type	License Granted	License Validity
1	Waltersmith Refining & Pet. Co. Ltd	Ibigwe, Imo State	5,000	Modular	ATC	Valid
2	Clairgold Oil & Gas Ltd.	Koko, Delta State	20,000	Modular	ATC	Valid
3	Niger Delta Petroleum Resources	Ogbele, Rivers State	10,000	Modular	ATR	Valid
4	Dee Jones	Calabar Port, Cross River State	6,000	Modular	ATC	Valid
5	RG Shinjin Petrochemicals Limited	Koko, Delta State	10,000	Modular	ATC	Valid
6	OPAC Refineries	Umuseti, Delta State	7,000	Modular	ATC	Valid
7	Dangote Oil Refinery Company Limited	LFTZ, Lagos State	500,000	Conversion	ATC	Valid
8	Resource Pet. & Petrochem Int. Inc	Ibeno, Akwa Ibom State	100,000	Conversion	ATC	Valid
9	JIL - Amber Consortium	PHRC, Rivers State	100,000	Conversion	ATR	Valid
10	Azikel Petroleum Limited	Obunaghia, Bayelsa State	12,000	Modular	ATC	Expired
11	Hi Rev Oil Limited	Utapate, Akwa Ibom State	50,000	Modular	ATC	Expired
12	Amakpe International Refinery Inc.	Eket, Akwa Ibom State	12,000	Modular	ATC	Expired
13	Southfield Petrochemical & Refinery Limited	Owanoba, Edo State	20,000	Modular	LTE	Valid
14	Don Mac Limited	Oben, Edo State	10,000	Modular	LTE	Valid
15	Kingdom Global Trading Pet & Gas Nig. Ltd	Okwagbe, Delta State	12,000	Modular	LTE	Valid
16	Platinum Hydrocarbon Resources Limited	Sapele, Delta State	10,000	Modular	LTE	Valid
17	Mondonat Nigeria Limited	Okpaka, Delta State	20,000	Modular	LTE	Valid
18	Ikwe-Onna Refinery Limited	Ikwe, Akwa Ibom State	5,000	Modular	LTE	Valid
19	Shepha Pet. & Petrochem. Co. Ltd	Ovrode, Delta State	30,000	Modular	LTE	Valid
20	Bua Refinery & Petrochemicals Ltd.	Ntaikang, Akwa Ibom State	150,000	Conventional	LTE	Valid
21	Conodit Refinery Nigeria Limited	Umukwata, Delta State	20,000	Modular	LTE	Valid
22	Duport Midstream Co. Limited	Orhionmwon, Edo State	10,000	Modular	LTE	Valid
23	Gazingstock Petroleum Company Limited	Abalagada, Delta State	5,000	Modular	LTE	Valid
24	Petrolex Oil & Gas Limited	Ijebu, Ogun State	250,000	Conversion	LTE	Valid
25	Energia Limited	Kwale, Delta State	20,000	Modular	LTE	Expired
26	Kainji Resources Limited	Oguta, Imo State	24,000	Modular	LTE	Expired
27	Eko Petroleum Refining Company Limited	Tomaro Island, Lagos	20,000	Modular	LTE	Expired
28	Frao Oil Nigeria Limited	Uzere, Delta State	12,000	Modular	LTE	Expired
29	Masters Energy Oil & Gas Limited	Rumuolumeni Rivers State	30,000	Modular	LTE	Expired
30	Cross Country Oil & Gas Limited	Obile, Imo State	20,000	Modular	LTE	Expired
31	Grifon Energy Limited	Ipoke, Ondo State	10,000	Modular	LTE	Expired
32	All Grace Energy Limited	Ubima, Rivers State	5,000	Modular	LTE	Expired
33	Green Energy International Limited	Otakikpo, Rivers State	5,000	Modular	LTE	Expired
34	Fresh Energy Limited	Igbomotoru, Bayelsa State	10,000	Modular	LTE	Expired
35	Chyzob Oil & Gas Limited	Obuzor, Abia State	10,000	Modular	LTE	Expired
36	Associated Worldwide Company Limited	Eket, Akwa Ibom State	20,000	Modular	LTE	Expired
37	Starex Petroleum Refinery Limited	Onne Oil & Gas FTZ	100,000	Conversion	LTE	Expired
38	Epic Refinery & Petrochem. Ind. Ltd	Oporoma, Bayelsa State	107,000	Conversion	LTE	Expired
39	Sifax Oil & Gas Company Limited	Snake Island, Lagos State	120,000	Conversion	LTE	Expired
40	Capital Oil & Gas Industries Limited	Snake Island, Lagos State	100,000	Conversion	LTE	Expired
41	Aiteo Energy Resources Limited	Ajagbodudu, Delta State	100,000	Conversion	LTE	Expired



4.2.2 Petroleum Product Importation

Table 38: 2017 Petroleum Products Volumes as per Import Permits Issued (Metric Tonnes)*

Month	Petrol	Diesel	HouseHold Kerosene	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
January	1,245,000	1,225,000	365,000	307,000	115,000	35,000	15,000
February	1,678,000	1,975,500	511,000	321,000	210,000	150,000	130,000
March	1,235,000	1,607,500	265,000	362,000	35,000	127,000	69,500
April	845,000	971,500	230,000	260,000	60,000	110,500	30,000
May	1,285,000	1,199,000	251,000	155,000	35,000	97,000	119,000
June	1,780,000	1,520,000	330,000	455,000	100,000	180,000	60,000
July	850,000	1,135,000	205,000	375,000	10,000	85,250	39,000
August	1,345,000	1,072,500	250,000	345,000	65,000	124,000	108,400
September	910,000	852,500	125,000	215,000	15,000	170,000	75,000
October	840,000	1,147,000	145,000	327,000	130,000	56,000	55,500
November	1,435,000	1,414,500	527,000	455,000	40,000	82,560	110,000
December	1,090,000	1,038,000	248,500	178,500	40,000	35,000	18,200
Total	14,538,000	15,158,000	3,452,500	3,755,500	855,000	1,252,310	829,600

*This excludes importation by NNPC

Table 39: Petroleum Products Volumes as per Import Permits Issued (Metric Tonnes) *

Year	Petrol	Diesel	HouseHold Kerosene	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
2014	10,665,337	14,356,908	705,000	2,623,500	1,640,000	1,327,400	1,105,500
2015	10,104,300	14,981,597	1,312,000	3,884,500	2,340,800	1,602,680	952,300
2016	14,052,500	20,116,000	3,708,500	3,733,000	1,853,000	1,616,450	665,250
2017	14,538,000	15,158,000	3,452,500	3,755,500	855,000	1,252,310	829,600

*This excludes importation by NNPC



Table 40: Summary of 2017 Petroleum Products Importation by Market Segment, Metric Tonnes

Month	Petrol	Diesel	HouseHold/Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
NNPC, Metric tonnes								
January	521,436.60	77,376.02	-	-	47,399.30	-	-	-
February	739,620.64	98,160.17	-	-	-	-	-	-
March	891,760.03	68,026.78	-	-	29,887.17	-	-	-
April	771,864.17	-	-	-	-	-	-	-
May	741,359.00	-	-	-	-	-	-	-
June	740,397.91	5,014.97	-	-	-	-	-	-
July	789,385.73	73,386.80	-	13,197.00	-	-	-	-
August	671,953.23	61,215.67	19,735.45	-	-	-	-	-
September	661,847.84	-	-	-	-	-	-	-
October	1,016,064.49	56,599.03	26,784.20	-	-	-	-	-
November	569,559.07	60,834.24	-	-	9,997.11	-	-	-
December	775,211.08	100,545.95	-	-	12,926.18	-	-	-
Total	8,890,459.78	601,159.63	46,519.64	13,197.00	100,209.75	-	-	-
Major Marketers, Metric tonnes								
January	54,974.02	-	-	-	-	-	3,804.34	-
February	-	42,748.02	-	-	-	-	-	-
March	97,510.11	35,406.80	-	-	-	-	815.00	-
April	165,121.96	4,945.66	-	-	14,915.57	-	4,098.58	-
May	143,140.74	34,999.99	-	-	29,052.16	-	3,858.26	-
June	111,869.63	24,668.06	-	-	14,327.00	-	-	-
July	144,747.73	20,535.08	-	-	5,511.65	-	-	-
August	199,907.54	-	-	-	-	-	4,202.53	-
September	72,126.57	-	-	-	-	-	-	-
October	-	21,278.05	-	-	-	-	12,941.27	-



Month	Petrol	Diesel	HouseHold Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
November	-	9,119.87	-	-	-	-	4,076.50	-
December	30,314.14	29,986.72	-	-	5,002.24	-	4,187.03	-
Total	1,019,712.41	223,688.26	-	-	68,808.62	-	37,983.51	-
Independent Marketers, Metric tonnes								
January	236,968.72	192,700.16	23,111.11	-	19,434.03	11,865.63	8,817.90	14,974.88
February	112,238.84	214,551.24	-	-	5,976.71	-	8,109.39	26,767.70
March	240,915.36	350,220.72	10,002.43	-	29,736.17	7,000.80	-	26,401.06
April	269,110.52	260,708.78	31,626.73	-	14,658.19	-	-	23,823.89
May	237,309.60	292,167.41	4,964.58	-	15,451.58	10,831.93	10,222.23	27,744.73
June	251,597.42	268,736.28	25,473.17	-	9,244.65	-	15,365.73	24,189.75
July	508,124.81	148,240.28	32,147.57	-	21,355.50	-	4,573.29	17,614.21
August	389,305.79	103,496.11	16,949.46	-	68,520.35	-	2,354.80	14,746.55
September	130,620.47	151,638.40	30,569.90	4,000.99	13,867.02	-	16,287.19	11,731.52
October	14,974.19	328,176.28	4,933.08	-	20,215.40	-	34,773.90	17,772.34
November	43,392.43	273,766.22	32,065.82	16,203.55	81,692.51	-	2,150.03	14,337.89
December	116,114.31	241,361.52	6,981.25	8,400.00	47,401.27	-	-	19,154.72
Total	2,550,672.47	2,825,763.40	218,825.09	28,604.54	347,553.37	29,698.36	102,654.45	239,259.21
Total, Metric tonnes								
January	813,379.34	270,076.18	23,111.11	-	66,833.32	11,865.63	12,672.24	4,974.88
February	851,859.48	355,459.43	-	-	5,976.71	-	8,109.39	26,767.70
March	1,230,185.49	453,654.30	10,002.43	-	59,623.33	7,000.80	815.00	26,401.06
April	1,206,096.66	265,654.44	31,626.73	-	29,513.76	-	4,098.58	23,823.89
May	1,121,809.34	327,167.39	4,964.58	-	44,503.74	10,831.93	14,080.49	27,744.73
June	1,103,864.96	298,419.31	25,473.17	-	23,571.65	-	15,365.73	24,189.75
July	1,442,258.26	242,162.17	32,147.57	13,197.00	26,867.15	-	4,573.29	17,614.21
August	1,261,166.56	164,711.78	36,684.90	-	68,520.35	-	6,557.33	14,746.55



Month	Petrol	Diesel	HouseHold Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
September	864,594.87	151,638.40	30,569.90	4,000.99	13,867.02	-	29,228.46	11,731.52
October	1,031,038.68	406,053.36	31,717.28	-	20,215.40	-	34,773.90	17,772.34
November	612,951.50	343,720.33	32,065.82	16,203.55	91,689.62	-	6,226.53	14,337.89
December	921,639.53	371,894.20	6,981.25	8,400.00	65,329.69	-	4,187.03	19,154.72
Total	12,460,844.66	3,650,611.28	265,344.73	41,801.54	516,571.74	29,698.36	140,637.96	239,259.21
Average Daily Import, Metric tonnes								
January	26,238.04	8,712.13	745.52	-	2,155.91	382.76	407.17	483.06
February	30,423.55	12,694.98	-	-	213.45	-	289.62	955.99
March	39,663.40	14,634.01	322.66	-	1,923.33	225.83	26.29	851.65
April	40,203.22	8,855.15	1,054.22	-	983.79	-	136.62	794.13
May	36,187.40	10,553.79	160.15	-	1,435.60	349.42	454.21	894.99
June	36,795.50	9,947.31	849.11	-	785.72	-	512.19	806.32
July	46,524.46	7,811.68	1,037.02	425.71	866.68	-	147.53	568.20
August	40,682.79	5,313.28	1,183.38	-	2,210.33	-	211.53	475.70
September	28,819.83	5,054.61	1,019.00	133.37	462.23	-	974.28	391.05
October	33,259.31	13,098.50	1,023.14	-	652.11	-	573.30	-
November	20,431.72	11,457.34	1,068.86	540.12	3,056.32	-	207.55	477.93
December	29,730.31	11,996.59	225.20	270.97	2,107.41	-	135.07	617.89
Total	34,139.30	10,001.67	726.97	114.52	1,415.27	81.37	385.31	655.50



Table 41: Summary of 2017 Petroleum Products Importation by Market Segment, Litres

Month	Petrol	Diesel	HouseHold Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
NNPC, Litres								
January	699,240,476.58	90,065,681.46	-	-	58,395,932.67	-	-	-
February	991,831,276.90	114,258,439.04	-	-	-	-	-	-
March	1,195,850,198.89	79,183,169.59	-	36,820,989.74	-	-	-	-
April	1,035,069,855.99	-	-	-	-	-	-	-
May	994,162,424.36	-	-	-	-	-	-	-
June	992,873,598.65	5,837,425.08	-	-	-	-	-	-
July	1,058,566,257.23	85,422,238.69	-	23,152,667.67	-	-	-	-
August	901,089,282.77	71,255,042.21	24,314,068.24	-	-	-	-	-
September	887,537,949.42	-	-	-	-	-	-	-
October	1,362,542,481.09	65,881,268.59	32,998,129.47	-	-	-	-	-
November	763,778,707.51	70,811,053.03	-	-	12,316,434.59	-	-	-
December	1,039,558,059.62	117,035,489.29	-	-	15,925,057.46	-	-	-
Total	11,922,106,569.00	699,749,806.99	57,312,197.71	23,152,667.67	123,458,414.46	-	-	-
Major Marketers, Litres								
January	73,720,158.14	-	-	-	-	4,059,225.49	-	-
February	-	49,758,689.46	-	-	-	-	-	-
March	130,761,052.15	41,213,519.86	-	-	-	869,605.01	-	-
April	221,428,545.68	5,756,749.40	-	18,375,977.31	-	4,373,187.04	-	-
May	191,951,725.64	40,739,983.70	-	35,792,263.58	-	4,116,763.46	-	-
June	150,017,168.47	28,713,621.84	-	-	17,650,864.00	-	-	-
July	194,106,699.23	23,902,837.78	-	-	6,790,352.80	-	-	-
August	268,076,009.80	-	-	-	-	4,484,099.56	-	-
September	96,721,725.01	-	-	-	-	13,808,336.30	-	-



Month	Petrol	Diesel	HouseHold Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
October	-	24,767,653.69	-	-	-	-	-	-
November	-	10,615,531.01	-	-	-	-	4,349,628.74	-
December	40,651,261.74	34,904,544.41	-	-	6,162,759.68	-	4,467,558.92	-
Total	1,367,434,345.83	260,373,131.15	-	-	84,772,217.38	-	40,528,404.51	-
Independent Marketers, Litres								
January	317,775,056.20	224,302,990.90	28,472,886.29	-	23,942,720.03	12,458,907.30	9,408,699.40	14,405,818.36
February	150,512,281.76	249,737,644.52	-	-	7,363,304.26	-	8,652,717.08	25,750,501.47
March	323,067,496.15	407,656,919.24	12,322,996.22	-	36,634,956.51	7,350,844.20	-	25,397,796.02
April	360,877,213.76	303,465,015.50	38,964,127.66	-	18,058,893.78	-	-	22,918,559.64
May	318,232,176.28	340,082,860.58	6,116,358.86	-	19,036,344.10	11,373,527.55	10,907,115.25	26,690,402.57
June	337,392,145.58	312,809,028.76	31,382,947.90	-	11,389,408.80	-	16,395,235.14	23,270,515.70
July	681,395,367.53	172,551,685.92	35,605,806.24	-	26,309,979.70	-	4,879,704.75	16,944,850.68
August	522,059,068.41	120,469,470.88	20,881,733.49	-	84,417,067.50	-	2,512,568.42	14,186,166.05
September	175,162,048.93	176,507,098.76	37,662,113.10	7,019,291.64	17,084,166.18	-	17,378,427.64	11,285,709.68
October	20,080,388.79	381,997,184.10	6,077,555.79	-	24,905,374.03	-	37,103,750.61	17,096,977.38
November	58,189,252.65	318,663,883.57	39,505,089.01	28,427,326.77	100,645,177.25	-	2,294,082.03	13,793,041.24
December	155,709,284.35	280,944,809.28	8,600,898.77	14,736,865.08	58,398,358.48	-	-	18,426,821.96
Total	3,420,451,780.39	3,289,188,592.02	269,592,513.34	50,183,483.50	428,185,750.61	31,183,279.05	109,532,300.32	230,167,160.76
Total, Litres								
January	1,090,741,690.92	314,368,672.36	28,472,886.29	-	82,338,652.70	12,458,907.30	13,467,924.88	14,405,818.36
February	1,142,343,558.66	413,754,773.03	-	-	7,363,304.26	-	8,652,717.08	25,750,501.47
March	1,649,678,747.19	528,053,608.69	12,322,996.22	-	73,455,946.26	7,350,844.20	869,605.01	25,397,796.02
April	1,617,375,615.43	309,221,764.91	38,964,127.66	-	36,434,871.09	-	4,373,187.04	22,918,559.64
May	1,504,346,326.28	380,822,844.29	6,116,358.86	-	54,828,607.68	11,373,527.55	15,023,878.71	26,690,402.57



Month	Petrol	Diesel	HouseHold Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
June	1,480,287,912.70	347,360,075.68	31,382,947.90	-	29,040,272.80	-	16,395,235.14	23,270,515.70
July	1,934,068,323.98	281,876,762.39	39,605,806.24	23,152,667.67	33,100,332.50	-	4,879,704.75	16,944,850.68
August	1,691,224,360.98	191,724,513.08	45,195,801.73	-	84,417,067.50	-	6,996,667.98	14,186,166.05
September	1,159,421,723.35	176,507,098.76	37,662,113.10	7,019,291.64	17,084,166.18	-	31,186,763.93	11,285,709.68
October	1,382,622,869.88	472,646,106.38	39,075,685.26	-	24,905,374.03	-	37,103,750.61	17,096,977.38
November	821,967,960.16	400,090,467.61	39,505,089.01	28,427,326.77	11,296,161.84	-	6,643,710.78	13,793,041.24
December	1,235,918,605.71	432,884,842.98	8,600,898.77	14,736,865.08	80,486,175.62	-	4,467,558.92	18,426,821.96
Total	16,709,992,695.23	4,249,311,530.16	326,904,711.06	73,336,151.17	636,416,382.45	31,183,279.05	150,060,704.84	230,167,160.76
Average Daily Imported Volumes, Litres								
January	35,185,215.84	10,140,924.91	918,480.20	-	2,656,085.57	401,900.24	434,449.19	464,703.82
February	40,797,984.24	14,776,956.18	-	-	262,975.15	-	309,025.61	919,660.77
March	53,215,443.46	17,033,987.38	397,516.01	-	2,369,546.65	237,124.01	28,051.77	819,283.74
April	53,912,520.51	10,307,392.16	1,298,804.26	-	1,214,495.70	-	145,772.90	763,951.99
May	48,527,300.85	12,284,607.88	197,301.90	-	1,768,664.76	366,887.99	484,641.25	860,980.73
June	49,342,763.76	11,578,669.19	1,046,098.26	-	968,009.09	-	546,507.84	775,683.86
July	62,389,300.77	9,092,798.79	1,277,606.65	746,860.25	1,067,752.66	-	157,409.83	546,608.09
August	54,555,624.55	6,184,661.71	1,457,929.09	-	2,723,131.21	-	225,698.97	457,618.26
September	38,647,390.78	5,883,569.96	1,255,403.77	233,976.39	569,472.21	-	1,039,558.80	376,190.32
October	44,600,737.74	15,246,648.59	1,260,505.98	-	803,399.16	-	1,196,895.18	551,515.40
November	27,398,932.01	13,336,348.92	1,316,836.30	947,577.56	3,765,387.06	-	221,457.03	459,768.04
December	39,868,342.12	13,964,027.19	277,448.35	475,382.74	2,596,328.25	-	144,114.80	594,413.61
Total	45,780,801.90	11,641,949.40	895,629.35	200,920.96	1,743,606.53	85,433.64	411,125.22	630,594.96



Table 42: Petroleum Products Import Summary, Metric Tonnes

Year	Petrol	Diesel	HouseHold Kerosene	LPG	Aviation Fuel	Fuel Oil	Base Oil	Bitumen
2008	8,633,472.14	2,198,744.97	1,496,246.81	NA	NA	NA	NA	NA
2009	10,476,266.37	3,292,612.00	1,403,004.77	NA	NA	NA	NA	NA
2010	11,902,519.70	2,605,288.11	1,512,236.07	NA	NA	NA	NA	NA
2011	15,278,901.22	2,055,338.23	1,471,863.10	NA	NA	NA	NA	NA
2012	11,349,633.48	1,803,929.68	1,753,309.69	NA	NA	NA	NA	NA
2013	12,390,826.30	2,143,910.22	2,136,631.32	NA	NA	NA	NA	NA
2014	13,505,465.72	3,253,232.85	2,316,190.02	-	344,110.39	153,123.34	205,861.86	350,215.47
2015	13,393,574.20	3,776,495.79	1,530,164.48	8,158.52	418,243.20	58,028.41	211,529.12	109,601.28
2016	13,557,231.82	3,833,316.28	483,345.40	-	538,838.94	296,663.12	257,876.67	144,765.90
2017	12,460,844.66	3,650,611.28	265,344.73	41,801.54	516,571.74	29,698.36	140,637.96	239,259.21



Table 43: Summary of Petroleum Products Importation by Market Segment

Market Segment / Product		2010	2011	2012	2013	2014	2015	2016	2017	Total, Metric Tonnes	Total, Litres
MNPC	Petrol	6,375,558.77	5,419,528.90	5,368,476.91	4,873,097.95	4,893,264.66	5,289,031.18	7,304,068.64	8,890,459.78	48,413,486.79	64,922,485,789.41
	Diesel	301,543.91	513,474.51	29,146.94	31,470.15	96,777.60	13,034.75	29,469.66	601,159.63	1,616,077.15	1,881,113,800.27
	Household Kerosene	1,275,822.65	1,244,513.78	1,310,101.18	1,341,844.70	1,348,224.50	888,733.01	196,269.96	465,196.63	7,652,029.41	9,427,300,246.67
	LPG	NA	13,197.00	23,152,667.67							
	Aviation fuel	0	0	0	0	0	0	0	88,086.84	100,209.75	188,296.59
	Fuel oil	10,005.86	0	0	0	0	0	0	0	0	10,005.86
	Base Oil	0	0	0	0	0	0	0	0	0	0.00
	Bitumen	0	0	0	0	0	0	0	0	0	0.00
	Petrol	1,799,245.07	2,902,728.13	1,759,150.28	1,930,515.51	2,228,000.82	1,831,560.30	1,837,622.61	1,019,712.41	15,308,535.13	20,528,745,613.35
	Diesel	269,274.93	321,129.72	363,802.16	435,171.93	368,267.47	230,854.77	283,093.86	223,688.26	2,495,283.10	2,904,509,524.91
Major Marketers	Household Kerosene	34,742.79	4,688.54	4,998.35	14,912.59	9,871.29	4,987.36	0	0	74,200.92	91,415,533.44
	LPG	NA	0	0	0.00						
	Aviation Fuel	332,152.00	409,190.11	412,145.93	342,319.63	279,138.00	189,477.17	184,901.20	68,808.62	2,218,132.66	2,732,739,430.96
	Fuel Oil	11,471.05	37,188.47	61,365.05	0	6,698	9,609.00	0	0	126,331.57	132,648,148.50
	Base Oil	0	0	0	0	0	0	0	60,322.24	37,983.51	98,305.75
	Bitumen	0	0	0	0	0	0	0	0	0	0.00
	Petrol	3,777,715.85	6,956,644.19	4,222,006.28	5,587,212.84	6,384,200.25	6,396,124.53	4,415,540.56	2,550,672.47	40,240,116.97	53,961,996,854.89
Independent Marketers	Diesel	2,034,459.27	1,220,734.00	1,410,980.58	1,677,268.13	2,788,187.78	3,537,364.10	3,515,733.71	2,825,763.40	19,010,500.97	22,128,223,123.50
	Household Kerosene	201,670.63	222,660.78	438,210.16	779,874.03	958,094.23	636,444.11	287,075.44	218,825.09	3,742,854.47	4,611,196,709.50
	LPG	NA	28,604.54	28,604.54	50,183,279.05						
	Aviation fuel	122,125.29	70,150.55	112,930.98	70,662.48	64,972.39	251,212.03	265,850.91	347,553.37	1,305,458.00	1,608,324,251.07
	Fuel Oil	149,049.79	66,613.02	27,067.05	14,953.80	146,725.34	53,931.19	296,663.12	29,698.36	784,701.67	823,936,758.75
	Base Oil	0	0	0	0	0	0	0	197,554.43	102,654.45	300,208.88
	Bitumen	0	0	0	0	0	0	0	144,765.90	239,259.21	384,025.11
											369,431,837.16

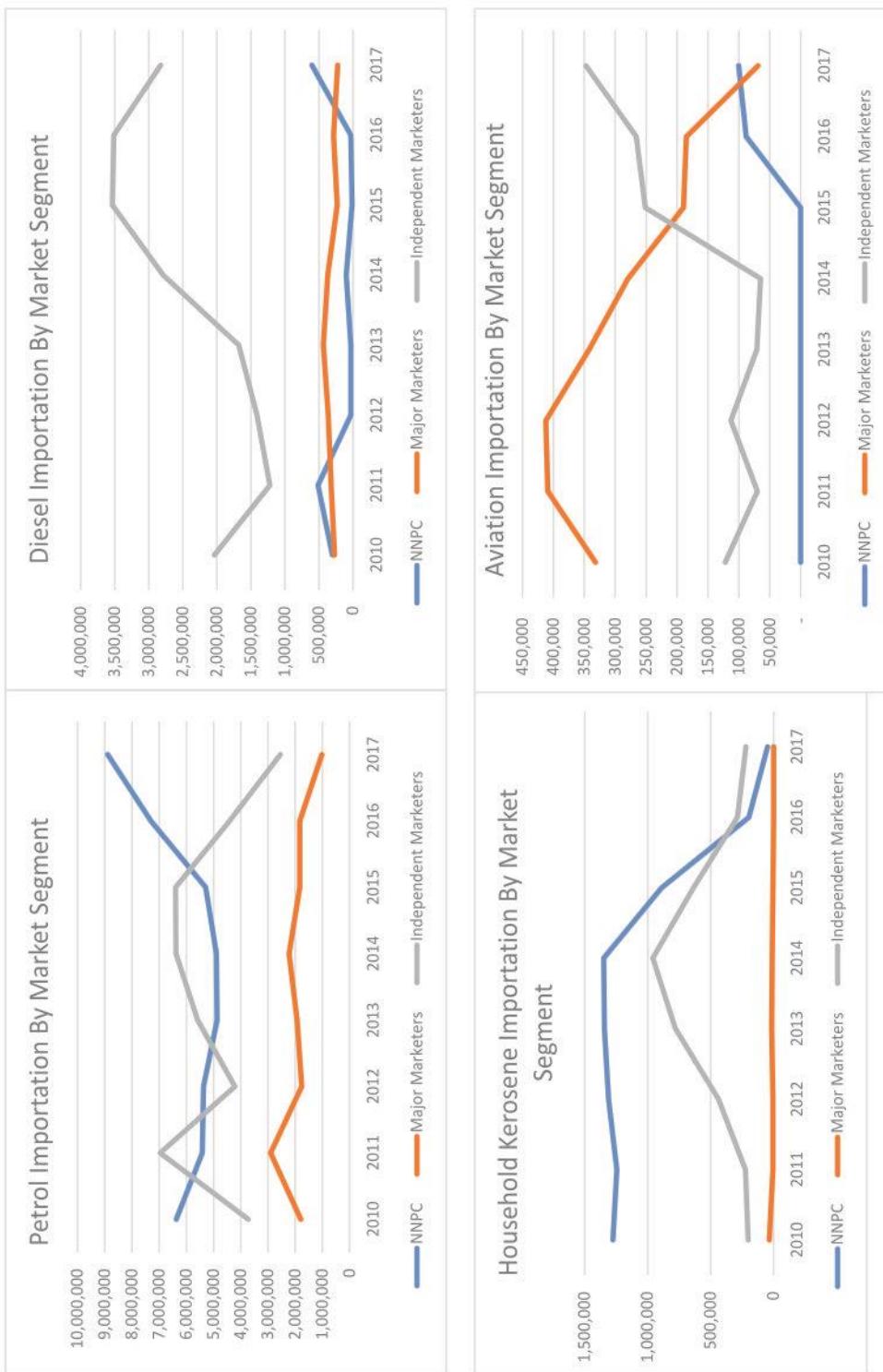


Figure 13: Product Importation by Market Segment



4.2.3 Petroleum Products Importation / Local Production

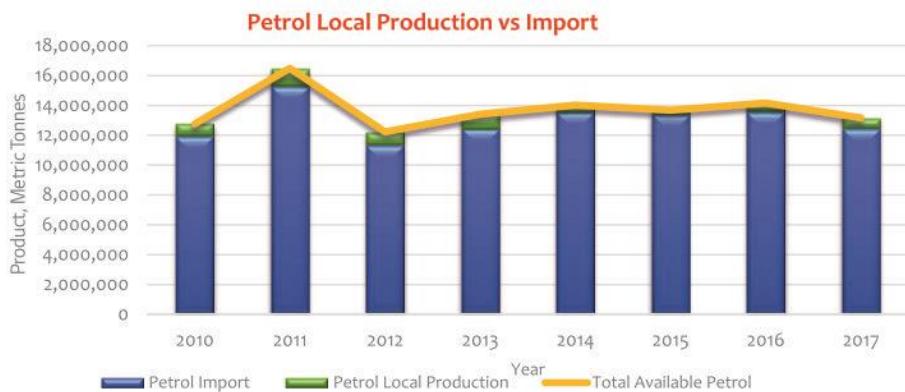


Figure 14: Petrol Local Production vs Importation

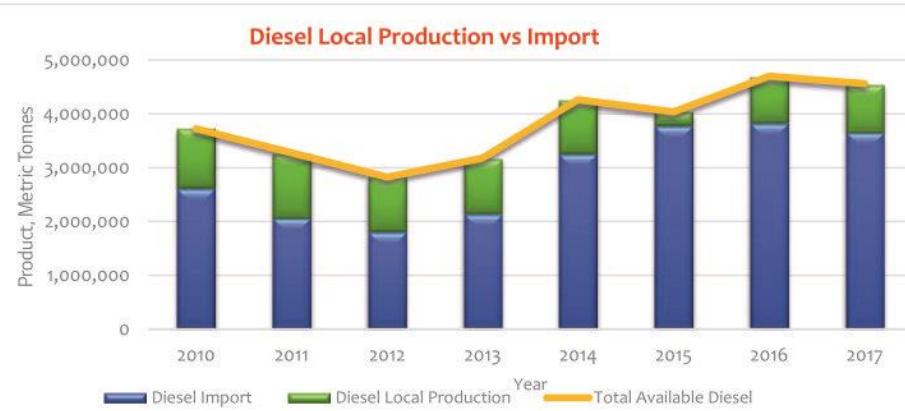


Figure 15: Diesel Local Production vs Importation

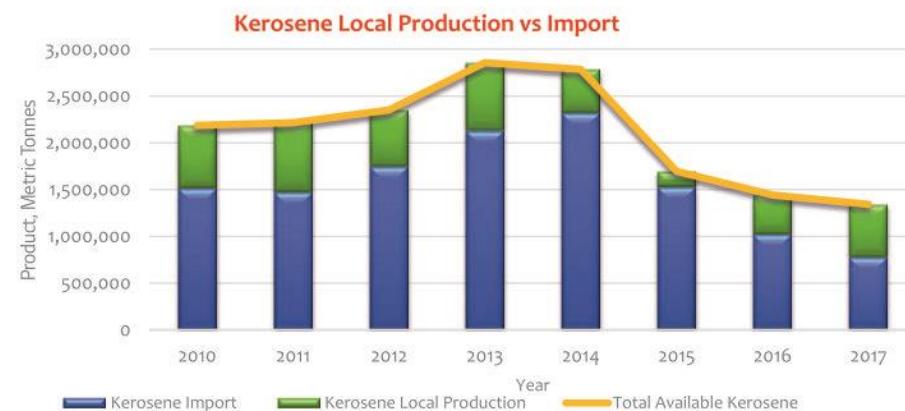


Figure 16: Kerosene Local Production vs Importation



4.2.4 Petroleum Products Average Pricing

Table 44: Petroleum Products Average Consumer Price Range (Naira per Litre)

		PMS	AGO	DPK
2010	Major	64-65	100-117	50-70
	Independent Marketers	65-70	100-130	50-85
	NNPC	65	106	50
2011	Major	64-65	115-170	50-70
	Independent Marketers	65-70	120-180	100-160
	NNPC	65	110-115	50
2012	Major	97	145-170	50
	Independent Marketers	97-120	150-180	110-140
	NNPC	97	145	50
2013	Major	97	150-170	135-140
	Independent Marketers	97-130	140-170	135-140
	NNPC	97	160	50
2014	Major	97	145-170	50
	Independent Marketers	97-100	150-180	100-150
	NNPC	97	150-175	50
2015	Major	86.50-97	150-170	50
	Independent Marketers	86.50-180	130-175	50-150
	NNPC	86.50-97	150-155	50
2016	Major	145	200	220
	Independent Marketers	145	200	220
	NNPC	145	200	220
2017	Major	145	210	150
	Independent Marketers	145	210	150
	NNPC	143	210	150

4.2.5 Retail Outlets

Table 45: Retail Outlets Count and Storage Capacities (Litres)

S/No.	State	Count	Petrol	Diesel	Kerosene	Total Capacity per State
1	Abia	766	62,180,740	29,177,960	24,850,200	116,208,900
2	Abuja	303	32,328,606	12,646,454	10,662,067	55,637,127
3	Adamawa	374	25,719,300	13,647,500	12,673,900	52,040,700
4	Akwa Ibom	778	49,795,872	25,165,340	24,451,680	99,412,892
5	Anambra	694	53,440,620	26,015,630	20,959,520	100,415,770
6	Bauchi	273	18,504,760	10,048,712	8,787,650	37,341,122
7	Bayelsa	54	4,340,000	1,968,500	1,928,500	8,237,000
8	Benue	400	25,675,520	14,492,310	12,902,740	53,070,570
9	Borno	490	21,299,407	11,919,480	10,730,973	43,949,860
10	Cross River	398	20,333,347	9,215,740	8,975,100	38,524,187
11	Delta	742	33,000,440	18,077,447	15,350,487	66,428,373
12	Ebonyi	185	7,745,533	4,585,587	3,689,693	16,020,813



S/No.	State	Count	Petrol	Diesel	Kerosene	Total Capacity per State
13	Edo	459	20,570,777	11,839,467	9,359,413	41,769,657
14	Ekiti	210	8,370,700	4,083,420	3,935,200	16,389,320
15	Enugu	689	32,382,656	17,668,713	13,930,449	63,981,819
16	Gombe	291	13,288,667	6,730,453	6,489,000	26,508,120
17	Imo	867	39,934,477	20,383,817	17,637,760	77,956,053
18	Jigawa	298	10,915,627	6,670,000	6,122,440	23,708,067
19	Kaduna	1126	47,172,887	26,501,027	24,241,893	97,915,807
20	Kano	1034	53,053,973	25,445,231	23,083,620	101,582,825
21	Katsina	442	19,366,067	10,255,787	9,162,460	38,784,313
22	Kebbi	526	22,870,033	11,794,387	11,391,333	46,055,753
23	Kogi	373	15,447,787	8,489,293	7,673,160	31,610,240
24	Kwara	827	33,590,180	18,542,527	16,383,008	68,515,715
25	Lagos	1751	113,205,040	47,510,613	40,749,573	201,465,227
26	Nassarawa	348	15,190,273	8,559,427	7,407,933	31,157,633
27	Niger	522	21,721,100	12,729,360	11,361,927	45,812,387
28	Ogun	2207	102,891,467	56,957,253	51,221,093	211,069,813
29	Ondo	743	27,820,513	12,880,460	13,296,887	53,997,860
30	Osun	970	38,324,880	20,008,040	19,752,153	78,085,073
31	Oyo	1657	68,709,373	35,799,907	33,340,080	137,849,360
32	Plateau	552	26,291,705	13,218,794	11,358,980	50,869,479
33	Rivers	719	39,894,748	19,146,773	17,390,780	76,432,301
34	Sokoto	337	15,432,000	7,956,667	7,498,667	30,887,333
35	Taraba	316	14,205,543	8,193,741	7,238,667	29,637,951
36	Yobe	259	10,371,400	6,227,800	5,657,933	22,257,133
37	Zamfara	207	9,475,273	4,516,333	4,336,880	18,328,487
Total		23,187	1,174,861,290	599,069,949	535,983,801	2,309,915,040



4.2.6 Petrochemicals

Table 46: Major Petrochemical Plants

S/N	Plant Location	Ownership	Processing Plant & Capacity	Feedstock	Products
			Type	MTPA	
1	Warri, Delta State	NNPC	Polypropylene (PP)	35,000	Polypropylene-rich Feed (PRF)
			Carbon Black (CB)	18,000	Carbon Black (CB)
2	Kaduna, Kaduna State	NNPC	Linear Alkyl Benzene (LAB)	30,000	i. Raw kerosene ii. Reformate iii. Kero solvent
3	Eleme, Rivers State	i. Indorama ii. Federal Govt. iii. Rivers State Govt.	Polypropylene (PP)	120,000	i. Propylene-rich Feed (PRF) ii. Natural Gas Liquid (MGL)
			Polyethylene (PE)	360,000	i. Polypropylene Co-polymer (PPCP) ii. High Density Polyethylene (HDPE) iii. Linear Low Density Polyethylene (LLDPE)
			Olefin	440,000	Olefin

Table 47: Major Petrochemical Plants Projects

S/No	Plant Name	Plant type	Capacity by unit	Output yield	Status	Start year	Estimated completion
1	Dangote Refinery & Petrochemicals Co	Petrochemical plant lined up near the Refinery	1.3 Million MTPA	1.3 million MTPA	Under Construction	2015	2019
2	Dangote Fertilizer Limited	Urea-based fertilizer plant	6,849.32 MTPD	2.5 million MTPA	Under Development	2015	2018
3	Quantum Methanol Limited	Methanol Plant	3,000 MTPD	3000 MTPD	Early Stage	N/A	N/A
4	Brass Fertilizer Co. Ltd	Methanol and Urea fertilizer plant	• 2.45 Million MTPA Urea • 1 Million MTPA Methanol 20MMscf/d hydrocarbon refrigerant	2.45 Million MTPA	Planning	N/A	N/A
5	Pamaque Nig. Ltd	Hydrocarbon Refrigerant from LPG		20MMscf/d	Early Stage	N/A	N/A
6	Urada Methanol Limited (Honeywell Group Ltd)	Methanol plant	1.2 million MTPA methanol for export	1.2 Million MTPA	Early Stage	N/A	N/A



4.2.7 Lubricant Blending Plants

Table 48: List of Licensed Base Oil Marketers and Storage Capacities.

S/N	Marketer Category	Name Of Company	Location	Base Oil Storage Capacity (Litres)
1	Majors	Total Nigeria Plc	Apapa, Lagos	9,825,400
2		MRS Oil Nigeria Plc	Apapa, Lagos	11,000,000
3		Conoil Plc	Apapa, Lagos	9,075,130
4		Mobil Oil Nig. Plc	Apapa, Lagos	7,080,000
5		Forte Oil Plc (Forte)	Apapa, Lagos	8,000,000
6		Total Nigeria Plc	Koko, Delta	10,050,000
7		Total Nig Plc	Kudenda, Kaduna South	1,300,000
8		Oando Plc II	Chikun, Kaduna.	7,200,000
9		Oando Plc I	Rido Chikun, Kaduna	8,067,170
10		Oando Marketing Plc	Apapa, Lagos	9350000
	Subtotal			80,947,700
11	Independent	Grand Petroleum & Chemicals Ltd.	Amuwo-Odofin, Lagos	10,000,000
12		Bestlub International Nig.Ltd.	Apapa Lagos	360,000
13		Fudia Petrochemical Ltd.	Isolo Lagos	540,000
14		Honeywell Oil & Gas Ltd.	Ilupeju, Lagos	165,000
15		Highlight Oil and Gas Limited	Agbodi Village, Ogun	375,000
16		Eterna Industries Plc.	Saqamu, Ogun	935,000
17		Ascon Oil Company Ltd	Magboro, Ifo, Ogun	335,000
18		Moye Oil & Chemical Limited	Osogbo, Osun	926,179
19		Lubcon Limited	Ilorin west, Kwara	5,000,000
20		Equatorial Pet. Coastal & Process Ltd.	Ilorin, Kwara	2,000,000
20		Zico Pet. Marketing Company	Benin, Edo	226,597
21		Specialty Oil Company Nig Ltd	Onitsha, Anambra	425,600
22		Dozzy Oil & Gas Ltd	Onitsha, Anambra	3,000,000
23		Ibeto Petrochemicals Industry Limited	Nnewi, Anambra	1,200,000
24		Whiz Products W.A Limited	Isuofia, Anambra	900,000
25		Abbbox Oil Limited	Ogbaru, Anambra	99,000
26		A-Z Petroleum Products Limited	Nnewi, Anambra	2,110,000
27		Jezco Oil Nigeria Ltd	Awka, Anambra	360,000
28		Tonimas Nigeria Limited	Arongwa, Abia	4,427,096
29		Dezern Nigeria Limited	Okigwe, Imo	990,000
30		Onyx Crown Oil Limited	Owerri West, Imo	355,000
31		Ronad Oil and Gas (WA) Ltd	Ideato North, Imo	6,684,000
32		Ammasco International Limited	Bompai Ind. Area, Kano	6,600,000
33		Veee Oil resources Limited	Independence Road, Kano	264,000
34		T.Y Chemicals Limited	Chikun, Kaduna	700,000
35		Techno Oil Limited	Elegushi Layout, Lagos	210000
36		Premier Petroleum Limited	Osisioma, Abia State.	3135000
37		Alsa Petrochemical Industries Ltd	Agbodi Village, Ogun State	350000
38		Necit Nigeria Limited	Canteen Daji, Sokoto	300000
39		I.M.N Auto Parts Ltd.	Sokoto Road Niger	245000
40		Mubeco Petroleum Company Ltd	Zaria Expressway, Kaduna	1500000
41		Petroleum Managers Ltd	Isolo, Lagos	270000
42		Peace Petroleum Nigeria Ltd	Emene, Enugu East, Enugu State	450000
43		Saclux Industries Nigeria Ltd	Umuahia North, Abia State	1150000
44		Ejide Energy Limited	Laduba, Asa L.G.A, Kwara State	3135000
45		Vital Allied Energy Limited	Lagos-Ibadan Expressway	60500
	Subtotal			59,782,972
	Grand Total			140,730,672



4.3 GAS

4.3.1 Domestic Gas Supply Obligation (DGSO)

4.3.1.1 National Gas Requirement (NGR)

The National Gas Requirement, which is a critical factor in establishing annual Domestic Gas Supply Obligation (DGSO) volumes for upstream gas producers in the country, has been set at 3.38 BSCF/day for the year 2018. This figure covers the three domestic subsectors. Namely: Gas-to-power (GTP) = 1.78 Bscf/d, Gas Based Industries (GBIs) = 0.72 Bscf/d and Commercial subsector = 0.88 Bscf/d.

Furthermore, the projected national pipeline capacity for 2018 is 2.9 Bscf/d, with 2.0 Bscf/d at the western axis and 0.9 Bscf/d at the eastern axis.

Table 49: Domestic Gas Supply Obligation for E&P Companies, MMSCF/day

S/No	Company / Gas Producers	2018	2019	2020	2021	2022	2023
1	SPDC	422	499	771	780	780	780
2	CNL	440	470	470	470	480	490
3	MPNU	230	372.54	395.83	419.11	442.39	465.68
4	NAOC	280	300	390	390	410	420
5	TEPNL	160	180	260	260	260	280
6	Addax	40	40	40	60	60	60
7	Esso						
8	SNEPCO						
9	Famfa / Stardeep						
10	TUPNI / SAPETRO						
11	NAE						
12	AENR						
13	SEEPCO						
14	TEPNL (PSC - DW Assets)						
15	NPDC						
16	NPDC / Shoreline						
17	NPDC / Neconde						
18	NPDC / ND Western						
19	NPDC / First Hydrocarbon						
20	NPDC / Elcrest						
21	Aiteo / NNPC	25	25	25.39	26.88	28.37	29.87
22	Seplat	130	130	130	150	180	180
24	Erotan	32	39.21	41.66	44.11	46.56	49.01
25	AMNI	8	31.38	33.34	35.3	37.26	39.22



S/No	Company / Gas Producers	2018	2019	2020	2021	2022	2023
26	Platform	18	21.62	22.97	24.32	25.67	27.02
27	Energia	18	21.49	22.83	24.18	25.52	26.86
28	Frontier Oil	13	16.86	17.92	18.97	20.02	21.08
29	Monipulo	8	10.05	10.68	11.3	11.93	12.56
30	New Cross	8	9.73	10.34	10.94	11.55	12.16
31	Panocean	8	9.37	9.96	10.55	11.13	11.72
32	Atlas	5	9.09	9.66	10.23	10.8	11.37
33	Niger Delta	6	8.09	8.6	9.1	9.61	10.11
34	Oriental	0	7.46	7.93	8.4	8.86	9.33
35	Continental	3	7.36	7.82	8.28	8.74	9.2
36	Express	0	7.13	7.58	8.02	8.47	8.92
37	Midwestern	5	6.03	6.4	6.78	7.16	7.53
38	Universal	4	5.55	5.9	6.25	6.59	6.94
39	Dubri	3.5	5.46	5.8	6.14	6.48	6.82
40	Allied Energy PLC	5	5.15	5.47	5.79	6.12	6.44
41	Pillar Oil	5	3.58	3.8	4.03	4.25	4.47
42	Network E&P	5	2.14	2.28	2.41	2.54	2.68
43	Consolidated	2	1.44	1.53	1.62	1.71	1.8
44	Prime Energy	5	1.35	1.43	1.52	1.6	1.68
45	Walter Smith	5	1.27	1.35	1.43	1.51	1.59
46	Brittannia-U	0.5	0.57	0.61	0.64	0.68	0.71
47	Conoco	5	6.18	6.57	6.95	7.34	7.73
48	Gec Pet. Dev Coy Ltd	5	5.65	6	6.35	6.71	7.06
49	Statoil	5	61.63	65.48	69.33	73.18	77.04
50	WAEP/ Dangote	5	23.99	25.49	26.99	28.49	29.99
51	Sunlink	5	18.36	19.5	20.65	21.8	22.95
52	Yinka Folawiyo	5	12.02	12.77	13.52	14.27	15.02
53	Peak		5.29	5.62	5.95	6.28	6.62
54	Oil & Gas/Star Ultradeep		4.16	4.42	4.68	4.94	5.2
55	Millenium	5	1.88	2	2.12	2.24	2.36
56	Enageed		1.79	1.91	2.02	2.13	2.24
57	Bayelsa		1.4	1.48	1.57	1.66	1.75
58	Summit Oil International		0.89	0.95	1.01	1.06	1.12
59	Dansaki		0.5	0.53	0.56	0.59	0.62
60	Emerald Energy		0.48	0.51	0.54	0.56	0.59
61	Guarantee		0.46	0.49	0.52	0.55	0.58
62	Green Energy Intl Ltd		0.42	0.44	0.47	0.5	0.52
63	Sogenal		0.12	0.13	0.14	0.15	0.15
64	Texaco Outershelf		0.11	0.12	0.12	0.13	0.14
65	Sahara Energy		0.08	0.09	0.09	0.1	0.1



S/No	Company / Gas Producers	2018	2019	2020	2021	2022	2023
66	Excel E&P		0.06	0.06	0.07	0.07	0.07
67	Bicta		0.05	0.06	0.06	0.06	0.07
68	First E&P/ Dangote		0.05	0.05	0.06	0.06	0.06
69	Del-Sigma		0.04	0.04	0.04	0.04	0.05
70	Movidio E&P		0.03	0.04	0.04	0.04	0.04
71	Goland		0.03	0.03	0.04	0.04	0.04
72	Cavendish		0.02	0.02	0.02	0.03	0.03
73	Chorus Energy		0	0	0	0	0
74	Eurafic Ltd		0	0	0	0	0
75	Independent Energy		0	0	0	0	0
Total gas		2,679.00	3,314.41	3,856.20	4,016.09	4,176.99	4,317.88
DSO		3,000.00	3,200.00	3,400.00	3,600.00	3,800.00	4,000.00

4.3.2 2017 DGSO Performance Report

The daily average domestic gas supply performance in 2017 was 41%. A total gas volume of 1065.58 MMscfd was supplied to the domestic market by eleven companies as shown in Table 46. Also, the National Domestic Gas Capacity Performance for 2017 was 54% i.e, the nation had the capacity to supply 1412.56 MMscfd as against the 1065.58 MMscfd supplied in the year.

Table 50: DGSO Allocation vs Supply Performance

S/N	Company	Supply Oblig. (MMscf/d)	Ave. Supply (MMscf/d)	% Performance	Remark
1	SPDC	390	78.84	20	Disruptions on major exit pipelines constrained supply
2	Chevron	240	276.29	115	
3	Chevron EGTL	200	162.15	81	
4	ExxonMobil	230	0.00	0	Lack of infrastructure
5	NAOC	280	164.17	59	
6	TEPNG	160	15.01	9	
7	NPDC	300	162.28	54	
8	Addax	0	0.00	0	Gas supply awaiting PSC Gas Terms discussions
9	Pan Ocean	8	13.58	170	
10	Seplat	120	251.34	209	
11	Monipulo	8	0.00	0	Lack of infrastructure
12	Niger Delta	6	4.74	79	
13	Platform	18	20.52	114	
14	Frontier	13	77.22	594	
15	Universal	4	0	0	Lack of infrastructure
16	AMNI	8	0	0	Lack of infrastructure
17	Consolidated	7	0	0	Lack of infrastructure
18	Continental	6	0	0	Lack of infrastructure
19	Britannia U	0.5	0	0	Lack of infrastructure
20	Energia	18	1.59	9	
21	Eroton	32	0	0	Lack of infrastructure
22	New Cross	8	0	0	Lack of infrastructure
23	Aiteo	25	0	0	
24	Dubri	3.5	0	0	Discussions on-going with potential Off-takers
25	NNPC PSC	450	0	0	Gas supply awaiting PSC Gas Terms discussions
Total		2597	1065.58	41%	



Table 51: Summary of Domestic Gas Supply Obligation Performance 2008 to 2017

YEARS	PERFORMANCE	SPDC	CNL	EXXON MOBIL	TOTAL/ EPNL	NPDC	ADDAX/NNPC	PAN OCEAN	SEPLAT	MORINOLU/NDPR	PLATFORM FRONTIER	Universal ANNI CONOIL	CONOG/BRITANNIA U	Energia	Erotan	Newcross	Aiteo	Dubri	NNPC PSC	Total		
2008	Obligation	849	351	459	245	217	45	0	65	0									2,231			
	Supply	355	185	0	176	0	0	0	0	0									716			
	% Perf.	41.8	52.71	0	71.84	0	0	N/A	0	N/A									32.09			
2009	Obligation	110	455	517	328	270	120	140	65	0									2995			
	Supply	379	185	0	188	0	0	0	0	0									752			
	% Perf.	34.4	40.66	0	57.32	0	0	0	0	N/A									25.11			
2010	Obligation	136	564	640	415	327	120	140	65	0									3635			
	Supply	530	168	0	97	0	0	0	0	0									795			
	% Perf.	38.8	29.79	0	23.37	0	0	0	0	N/A									21.87			
2011	Obligation	155	644	732	479	368	120	140	65	0									4107			
	Supply	553	268	0	101	0	0	0	44.4	0									9664			
	% Perf.	35.4	41.61	0	21.09	0	0	0	68.31	N/A									2353			
2012	Obligation	175	725	823	544	410	120	144	65	0									4584			
	Supply	538	358	0	120	0	65	0	36	0									11117			
	% Perf.	30.6	49.38	0	22.06	0	54.17	0	55.38	N/A									24.37			
2013	Obligation	194	805	915	608	452	120	160	65	0									5073			
	Supply	156	318.2	0	87.29	0	321	0	17.39	130									1030.6			
	% Perf.	8.04	39.54	0	14.36	0	267.5	0	26.75	0									20.32			
2014	Obligation	550	500	400	300	250	700	0	20	150	11	5	20	7.5	5	8	5	1	3	3940.5		
	Supply	209.	494	0	95	0	344	0	12.86	125	0	0	0	19.01	0	0	0	0	0	1299.2		
	% Perf.	38.0	98.8	0	31.67	0	49.14	N/A	64.3	83.33	0	0	0	25.34	0	0	0	0	0	32.97		
2015	Obligation	750	500	400	350	280	800	0	20	210	13	7	23	9	7	8	6	5	1	40	1	4429
	Supply	128.	436	0	101.9	0	450	0	28.58	172.5	0	0	0	81.49	0	0	0	0	0	0	0	0
	% Perf.	17.1	87.2	0	29.12	0	56.25	N/A	142.9	82.14	0	0	0	905.4	0	0	0	0	0	0	0	31.58
2016	Obligation	400	270	250	300	180	300	0	20	130	10	7	20	15	5	10	7	6	0.7	4	3	2567.7
	Supply	73.8	197.8	0	149.3	0	280.0	0	5.128	203.3	0	0	0	70.63	0	0	0	0	0	0	0	980
	% Perf.	18.4	98.92	0	49.79	0	93.35	0	25.64	156.4	0	0	0	470.8	0	0	0	0	0	0	0	38.18
2017	Obligation	390	440	230	280	160	300	0	8	120	8	6	18	13	4	8	7	6	0.5	3.5	4	2335
	Supply	78.8	438.4	0	164.1	15	162.2	0	13.58	251.3	0	4.7	20.52	77.22	0	0	0	1.59	0	0	0	0
	% Perf.	20.2	99.65	0	58.63	93	54.09	0	169.7	209.4	0	79	114	594	0	0	0	8.83	0	0	0	48.43

* All values are in MMSCFD
* DSO was allocated to the NNPC PSC in 2014



4.3.3 Gas Production And Utilization

Table 52: Summary of 2017 Gas Production and Utilization^a

Years	Gas Production			Sales			Total Gas Utilized	% Utilized	Gas Shrinkage	Total Gas Flared	% Flared		
	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	(NGU/LPG)	Gas to NIPPC	Local (Others)	NLNG (Export)			
January	139,691,219,98	100,308,385,17	239,999,605,16	12,243,624,20	4,048,632,29	59,367,581,90	4,289,172,70	4,339,659,00	23,804,75,47	101,940,883,97	87,35	1,299,133,953	
February	125,017,072,60	85,399,329,73	210,416,602,34	11,366,805,10	4,775,452,66	53,074,205,55	4,093,859,97	4,533,530,00	26,426,458,63	82,702,141,15	88	1,018,098,00	
March	128,469,287,92	110,080,804,29	238,550,192,21	11,975,021,16	2,755,203,64	56,556,065,56	4,334,142,19	3,037,665,00	32,293,080,59	100,542,621,88	88,95	1,602,928,00	
April	137,072,872,83	116,437,938,75	253,551,081,38	12,298,592,42	4,582,992,20	64,460,374,11	4,361,670,52	4,018,610,12	32,554,052,19	105,628,620,28	228,204,191,84	90,06	1,177,973,00
May	137,308,162,92	116,357,707,35	253,566,533,27	12,129,231,51	5,971,841,71	58,409,741,16	3,380,790,23	50,324,03,03	33,707,075,88	108,774,103,24	228,008,189,75	89,53	1,251,920,00
June	140,675,365,69	97,506,002,99	238,181,368,68	11,697,62,36	5,323,488,36	59,351,971,39	3,934,170,42	30,059,066,00	34,331,034,39	95,420,093,88	213,117,76,80	88,97	2,039,371,00
July	135,363,424,20	103,509,877,68	258,804,301,88	12,202,973,88	6,349,121,80,3	63,491,218,03	3,810,860,49	30,083,798,39	35,765,667,94	106,621,134,09	231,028,079,13	89,06	2,651,052,200
August	148,343,220,21	101,217,97,13	249,560,695,33	12,173,610,75	6,115,588,90	56,782,847,01	4,261,809,58	2,746,381,84	31,454,138,76	101,823,418,97	215,658,175,83	86,28	2,081,138,00
September	142,589,289,75	91,172,744,82	233,762,034,57	12,402,555,74	5,658,318,59	55,886,585,21	3,892,945,00	11,942,76,03	32,894,531,61	91,827,816,71	203,757,028,89	87,04	1,856,452,00
October	153,524,407,49	111,763,20,19	265,287,927,88	13,246,684,79	5,006,168,74	67,457,795,96	4,064,81,44	2,218,348,88	34,591,013,60	107,090,765,89	233,660,089,29	88,46	2,057,968,00
November	146,094,563,10	101,063,088,30	247,107,651,40	12,525,355,13	6,161,731,51	59,537,25,92	3,331,090,74	2,137,748,00	34,961,795,71	97,966,852,66	216,385,26,68	87,75	2,034,545,00
December	146,780,134,71	102,199,895,13	248,980,029,83	12,065,710,27	6,594,52,97	52,764,437,43	3,271,594,13	2,162,242,25	39,948,848,46	97,087,51,56	214,098,901,06	86,02	1,982,084,00
Total	1,700,929,721,39	1,237,008,032,54	2,937,937,753,93	12,243,624,20	4,048,632,29	59,367,581,90	48,526,917,41	37,674,638,53	392,70,173,24	1,197,455,971,29	2,592,721,274,89	88,12	21,022,634,00
												11,05	

^aAll Volumes are in MSCF (Thousand Standard Cubic Feet)

Table 53: Summary of Gas Production and Utilization^a

Years	Gas Production			Sales			Total Gas Utilized	% Utilized	Total Gas Flared	% Flared				
	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	(NGU/LPG)	Domestic Sales	NLNG (Export)					
2001	1,551,912,250	391,683,733	1,943,595,973	80,269,287	26,142,438	336,523,011	52,033,317	141,076,761,5	306,312,233	941,847,891	48,51	1,000,748,082		
2002	1,340,591,744	410,542,712	1,751,134,456	78,948,137	26,142,438	27,435,764	111,453,703	280,920,198	83,076,646	47,41	920,927,810			
2003	1,387,104,460	516,123,961	1,903,000,002	289,738,421	27,248,171	36,648,692	214,192,219	110,089,110	47,981,042	57,89	801,469,311			
2004	1,584,222,039	525,26,005	2,110,738,044	83,627,331	26,611,460	39,179,304	43,181,065	163,897,801	44,033,291	1,256,530,242	59,64	851,647,802		
2005	1,626,442,779	508,893,962	2,135,338,41	88,786,060	43,781,302	40,229,025	57,345,709	24,700,40	502,371,873	1,328,892,309	62,28	803,517,432		
2006	1,542,136,671	747,175,914	2,289,891,585	89,025,509	59,662,180	39,168,180	44,295,798	326,246,627	558,246,752	1,465,463,046	64,17	820,428,539		
2007	1,599,190,078	1,007,675,245	2,606,863,333	99,705,731	49,204,125	48,564,62,132	31,751,276	279,970,609	843,948,502	1,790,222,375	68,67	816,642,948		
2008	1,593,333,503	986,561,109	2,580,395,612	100,058,117	64,822,893	50,744,176	35,720,163	232,194,155	968,986,071	1,905,610,576	74,00	670,86,036		
2009	1,582,131,295	64,597,894,7	2,228,116,241	108,676,564	59,951,615	46,874,213	237,287,426	640,633,350	1,691,747,917	75,93	536,68,324			
2010	1,865,159,719	954,522,136	2,819,881,845	133,431,927	65,128,415	75,170,008	46,591,153	285,802,520	992,293,969	2,279,93,302	80,68	544,728,832		
2011	1,839,36,068	1,127,423,119	2,966,655,187	139,425,042	91,970,753	70,357,860	68,39,158	344,481,029	1,114,661,569	2,462,708,911	83,01	501,944,277		
2012	1,872,073,894	1,123,160,177	2,996,036,072	146,168,448	88,839,035	72,48,283	67,756,162	372,046,969	1,131,321,835	2,530,779,433	84,47	465,256,639		
2013	1,786,603,702	1,025,577,681	2,811,981,383	152,134,470	54,264,412	75,879,412	63,286,195	391,45,743	964,809,702	2,384,010,015	84,78	427,971,368		
2014	1,880,374,658	1,168,71,828	3,048,546,486	154,037,191,98	81,130,36	80,832,665	56,785,229	42,748,371	1,123,31,431	2,654,706,650	87,08	393,88,836		
2015	1,740,250,000	1,262,529,000	3,003,179,000	152,799,000	84,396,000	74,012,000	44,520,000	1,157,833,000	2,674,724,700	88,98	339,333,000	11,102	1,065,288,000	
2016	1,517,66,415	1,194,135,621	2,711,983,036	141,604,621	65,495,522	54,366,423	38,26,26,980	1,066,744,968	2,405,095,898	86,65	288,917,198	10,65	1,065,288,000	
2017	1,709,929,721,39	1,237,008,032,54	2,937,937,753,93	12,243,624,20	4,048,632,29	59,367,581,90	48,526,917,41	430,414,81,77	1,197,455,971,29	2,592,721,274,89	88,12	324,192,401,04	11,05	

^aAll Volumes are in MSCF (Thousand Standard Cubic Feet)



Table 54: 2013 Gas Production and Utilization by Company^a

Company	Gas Produced AG	Total Gas Produced NAG	Fuel Gas	Gas Lift Make-Up	Gas Re- injection	NGI / LPG Feed Gas	Gas to NIPPR	Gas Sold	Total Gas Utilized	Gas Shrinkage	Gas Flared	% Flared	
SPDC	97,735,492	501,686,820	13,270,532	9,359,563	1,510,475	-	32,091,047	29,228,470	468,240,405	553,801,472	-	45,620,841 7.61	
SNEPCO	47,962,470	-	47,962,470	3,362,163	-	-	-	40,529,565	44,491,728	-	-	3,537,887 7.38	
Chevron Nigeria	154,779,982	89,178,334	24,335,835	19,623,566	13,737,674	-	8,423,534	-	129,863,441	171,707,215	-	-	72,251,100 26.62
Star Deep	156,835,576	-	156,833,576	8,070,196	139,431,870	-	-	-	-	147,922,066	-	-	9,333,510 5.95
Mobil	442,279,916	-	442,279,916	3,307,010,861	12,685,400	323,010,528	30,367,629	-	-	399,141,419	-	-	43,676,188 9.88
Esso	121,912,474	-	121,912,474	6,546,094	10,551,1592	-	-	-	-	112,117,686	-	-	9,734,788 8.03
NAOC	178,800,966	196,062,440	317,486,406	38,830,970	4,568,341	8,467,623	18,808,048	22,304,694	10,969,140	219,002,436	322,625,052	321,036,88	46,494,928 12.4
TEPEN	139,561,134	93,146,442	233,301,576	8,031,264	-	86,719,275	-	-	114,036,571	208,181,109	-	-	24,520,467 10.51
TUPNI	192,205,000	-	192,205,000	6,311,000	-	63,303,000	-	-	119,025,000	188,065,000	-	-	41,400,000 21.15
AENR	5,983,086	2,605,067	8,986,153	-	85,520	-	-	-	-	85,520	-	-	8,512,633 98.01
NAE	13,065,470	-	13,065,470	1,083,030	-	3,116,260	-	-	-	4,199,290	-	-	8,866,180 67.86
ADDAX	64,452,318	-	64,452,318	2,603,935	11,008,116	9,991,918	-	-	-	23,602,969	-	-	40,899,349 63.38
Pan Ocean	7,051,020	-	7,051,020	449,740	-	-	-	-	6,445,007	-	-	-	173,733 2.46
NPDC	56,500,814	-	56,500,814	2,118,232	-	-	-	-	21,747,804	-	-	-	23,866,036 57.76
AMNI	7,343,740	-	7,343,740	204,070	12,290	1,022,030	-	-	-	1,238,390	-	-	6,105,350 83.14
Atlas	2,590,739	-	2,590,739	85,371	-	-	-	-	85,371	-	-	-	2,505,368 96.7
Monipolo	438,450	-	438,450	8,098	-	-	-	-	-	8,098	-	-	430,352 98.15
Niger Delta	319,980	4,140,254	4,449,844	93,758	-	-	-	-	3,975,805	4,069,563	-	-	30,281 85.5
Continental	2,341,459	-	2,341,459	102,286	-	-	-	-	-	102,286	-	-	2,239,173 95.63
Consolidated	214,972	-	214,972	53,090	-	-	-	-	-	53,090	-	-	161,882 75.3
Express	617,884	-	617,884	304,340	-	-	-	-	-	304,340	-	-	313,554 50.75
Dubri	2,194,178	-	2,194,178	24,563	-	-	-	-	-	24,563	-	-	2169,615 98.88
Platform	7,231,877	-	7,231,877	244,993	-	-	-	-	-	244,993	-	-	6,996,894 96.61
Walter Smith	446,588	-	446,588	-	446,588	-	-	-	-	446,588	-	-	0
Mid Western	341,301	-	341,301	-	-	-	-	-	-	-	-	-	341,301 100
Pillar	92,410	-	92,410	10,316	-	-	-	-	-	-	-	-	92,094 88.84
Allied Energy	14,917,030	-	14,917,030	886,200	10,590	2,173,790	-	-	-	3,070,580	-	-	11,866,450 75.42
Energa	2,030,692	-	2,030,692	10,655	-	-	375,619	-	-	-	-	-	1,547,418 76.2
Britania-U	319,554	-	319,554	317,677	-	-	-	-	-	317,677	-	-	61,847 16.3
Septat	13,619,561	22,693,614	36,313,175	414,774	1,310,471	-	-	-	23,421,630	-	-	-	11,166,300 30.75
Orienta Energy	3,309,709	-	3,309,709	50,3,862	-	-	-	-	-	543,862	-	-	2,765,847 85.57
SEEPCO	647,281	-	647,281	590,437	17,297	-	-	-	-	607,734	-	-	39,547 6.11
TUPNI (2)	40,096,290	-	40,096,290	3,334,000	-	13,061,000	-	-	-	16,95,000	-	-	23,601,290 58.86
SPDC (Divested)	8,213,896	115,261,710	123,478,606	4,23,588	964,233	-	-	-	-	115,264,710	-	-	6,655,527 5.37

^aAll Volumes are in MSCF (Thousand Standard Cubic Feet)



Table 55: 2014 Gas Production and Utilization by Company^a

Company	Gas Produced AS	Gas Produced MAG	Total Gas Produced	Fuel Gas Up	Gas Lift Make- up	Gas Re- Injection	NGL / LPG Feed Gas	Gas To NPP	Local Supply	Gas Export	Total Gas Utilized	Gas Shrinkage	Gas Flared	% Flared	
SPDC	121,183,225	561,269,165	682,452,390	11,242,614	8,641,079	749,492	-	29,457,350	22,222,411	559,778,925	632,091,871	-	50,360,520	7,38	
SNEPCO	50,581,369	-	50,581,369	3,885,469	-	-	-	-	-	44,567,710	48,423,179	-	2,215,734	4,38	
Chevron Nigeria	165,932,524	135,297,155	301,219,679	20,276,052	35,606,084	-	10,022,992	-	155,415,009	22,565,150	243,885,287	-	57,334,592	19,03	
Star Deep	154,262,980	-	154,262,980	8,093,609	-	-	-	-	-	-	144,956,816	-	9,306,164	6,03	
Mobil	485,822,416	-	485,822,416	36,652,501	22,155,607	346,545,330	32,676,607	-	-	-	438,030,045	-	47,793,710	9,84	
Esso	189,976,948	-	189,976,948	11,103,147	-	149,748,617	-	-	-	160,851,764	-	29,125,184	15,33		
NAOC	167,127,609	240,576,897	407,704,506	36,073,810	5,622,999	24,438,730	13,546,960	25,612,669	10,806,037	273,093,576	367,184,781	13,467,753	25,787,185	6,32	
TEPNC	136,845,252	80,504,616	217,349,868	8,633,3887	-	90,297,971	-	-	-	93,738,138	194,669,996	-	22,679,872	10,43	
TUPNI	196,298,000	-	196,298,000	6,607,000	-	65,494,000	-	-	-	119,801,000	191,902,000	-	4,396,000	2,24	
AENR	5,402,980	1,946,648	7,349,638	109,500	-	-	-	-	-	-	109,500	-	7,240,128	98,51	
NAE	9,779,120	-	9,779,120	1,591,750	-	6,668,410	-	-	-	-	8,260,160	-	1,518,960	15,53	
Addax	57,919,423	-	57,919,423	2,481,199	11,685,708	7,551,158	-	-	-	-	21,718,065	-	36,201,358	62,90	
Panocan	5,760,096	-	5,760,096	444,507	-	-	-	-	-	5,215,899	-	5,660,406	-	99,690	1,73
NPDC	70,889,393	106,589,280	177,479,213	2,578,902	1,539,304	-	-	-	138,324,275	-	142,542,480	-	34,936,733	19,68	
AMNI	8,834,260	-	8,834,260	146,620	-	2,156,750	-	-	-	-	2,303,370	-	6,530,890	73,93	
ATLAS	5,916,967	-	5,916,967	152,545	-	-	-	-	-	152,545	-	5,764,422	97,42		
Manipulo	477,107	-	477,107	9,245	-	-	-	-	-	9,245	-	467,862	98,06		
Niger Delta Continental	2,304,355	5,829,393	8,133,748	144,193	-	-	-	-	7,135,385	7,279,578	-	854,170	10,50		
Consolidated Express	1,510,789	-	1,510,789	133,186	-	-	-	-	-	-	133,816	-	1,376,973	91,14	
Dubri Platform	170,091	-	170,091	48,534	-	-	-	-	-	-	48,534	-	121,567	71,47	
Walter Smith Mid Western	1,525,360	-	1,525,360	201,340	-	-	-	-	-	-	201,340	-	1,324,020	86,80	
Pillar Allied Energy	1,679,765	-	1,679,765	20,421	-	-	-	-	-	-	20,421	-	1,659,344	98,78	
Energia Britannia-U	8,616,172	-	8,616,172	207,837	-	-	-	-	-	-	207,837	-	8,408,345	97,59	
SEPLAT Oriental Energy	10,000,212	-	10,000,212	-	1,000,212	-	-	-	-	-	1,000,212	-	0	0,00	
SEPCO Frontier	547,721	-	547,721	30,325	-	-	-	-	-	-	30,325	-	51,739,96	94,46	
Pillar Allied Energy	183,850	-	183,850	20,880	-	-	-	-	-	-	20,880	-	162,270	88,64	
Energia Britannia-U	9,221,250	-	9,221,250	630,430	-	-	-	-	-	-	630,430	-	8,590,020	93,16	
SEPLAT Oriental Energy	3,367,334	-	3,367,334	308,042	-	531,274	-	-	-	-	839,316	-	2,528,018	75,67	
SEPLAT Oriental Energy	474,261	-	474,261	378,155	-	-	-	-	-	-	378,155	-	96,106	20,76	
SEPLAT Oriental Energy	12,941,190	29,555,279	42,496,469	694,924	394,084	-	-	-	31,977,480	-	-	33,066,488	-	9,429,981	22,19
SEPLAT Oriental Energy	2,697,108	-	2,697,108	593,356	-	-	-	-	-	-	-	593,356	-	2,103,752	78,00
SEPLAT Oriental Energy	1,134,991	-	1,134,991	844,550	175,662	-	-	-	-	-	-	1,020,212	-	114,779	10,11
Frontier	6,603,395	-	6,603,395	29,619	-	7,296	-	-	5,707,241	831,547	6,575,803	-	2,792	0,42	
Frontier	1,880,374,558	1,168,171,828	2,048,546,486	134,037,918	87,221,579	808,503,665	56,785,229	55,070,019	369,668,352	1,123,51,431	2,654,798,193	13,467,753	3,190,74,097	-	

^aAll Volumes are in MScf (Thousands Standard Cubic Feet)



Table 56: 2015 Gas Production and Utilization by Company^a

Company	Gas Produced		Total Gas Produced	Fuel Gas	Gas Lift Make-up	Gas Re-Injection	NGL / LPG Feed Gas	Gas To NIP	Gas Sold		Gas Shrinkage	% Flared	
	AG	NAG							Local Supply	Gas Export			
SPDC	83,525,881	564,247,861	11,705,232	6,937,810	4,400	17,330	22,904,146	11,561,600	558,567,454	61,168,972	-	36,085,769 5.57	
SNEPCO	57,759,386	-	57,739,386	4,013,717	4,568,389	-	10,095,155	-	46,049,179	54,631,285	-	312,0590 5.4	
Chevron Nigeria	144,245,065	146,108,337	290,353,302	18,289,335	25,494,506	-	125,145,875	-	127,376,686	62,422,607	243,679,190	-	46,674,112 16.07
Star Deep	150,381,345	-	150,381,345	7,701,251	-	-	-	-	-	-	-	17,534,219 11.66	
Mobil	473,514,625	50,360	473,564,985	26,912,287	25,056,311	330,718,363	30,125,621	-	-	42,281,282	-	51,195,699 10.81	
Esso	167,605,640	-	167,605,640	10,362,764	137,782,911	255,880	-	-	148,401,565	-	-	19,204,075 11.46	
NAOC	138,611,765	-	260,822,058	34,668,179	5,463,145	752,590	17,926,691	24,085,466	10,904,770	257,061,308	350,862,149	26,901,837 21,668,737 5.42	
TEPN	112,450,871	-	77,691,971	190,142,842	9,697,319	-	59,015,640	-	-	107,910,369	176,623,329	44,751 13,474,162 7.09	
TUPNL	197,637,000	-	197,637,000	7,011,000	-	74,849,000	-	-	114,250,000	195,989,000	-	1,648,000 0.83	
AENR	491,7956	-	4,917,956	-	-	-	-	-	-	10,992	-	4,808,964 91.78	
NAE	10,845,350	-	10,845,350	1,933,350	-	5,970,580	-	-	7,904,170	-	-	2,941,180 27.12	
Addax	47,542,853	-	47,542,853	2,640,768	11,335,845	7,003,104	-	-	20,979,717	-	-	26,563,136 55.87	
Panoccean	9,134,431	-	9,134,431	409,195	-	-	-	-	8,555,300	-	8,974,495	-	159,936 17.75
NPDC	43,739,6475	127,022,360	170,758,835	2,305,372	1,770,633	-	-	138,332,517	-	142,398,222	-	28,848,937 16.89	
AMNI	7,718,724	-	7,718,724	132,960	-	1,795,610	-	-	1918,370	-	-	5,800,154 75.14	
Atlas	31,665,573	-	31,665,573	200,047	-	-	-	-	20,047	-	-	2,965,526 9.68	
Monipulo	338,151	-	338,151	81,899	-	-	-	-	8,189	-	-	339,961 97.58	
Niger Delta	1,179,117	11,621,848	12,800,965	137,814	-	-	-	12,353,714	12,491,528	-	-	309,937 2.42	
Continental	1,355,681	-	1,355,681	133,806	-	-	-	-	13,3806	-	-	1,221,875 90.13	
Consolidated	17,3423	-	17,3423	52,502	-	-	-	-	-	57,502	-	120,921 69.73	
Express	2,424,250	-	2,424,250	8,790	-	-	-	-	-	8,790	-	2,415,460 99.64	
Dubri	1,874,488	-	1,874,488	22,879	-	-	-	-	-	22,879	-	165,1609 98.78	
Platform	7,219,450	-	7,219,450	24,265	-	-	-	-	-	24,426	-	7,195,024 96.66	
Walter Smith	1,704,615	-	1,704,615	1,547,513	-	-	-	-	-	1,704,615	-	-	
Mid Western	2,061,612	-	2,061,612	45,982	-	-	-	-	-	45,982	-	2,015,630 97.77	
Pillar	300,990	-	300,990	33,440	-	-	-	-	-	33,440	-	267,750 88.89	
Allied Energy	1,194,430	-	1,194,430	50,020	-	-	-	-	-	-	-	1,144,410 95.81	
Energia	8,961,137	-	8,961,137	476,503	185,809	-	1,355,296	-	-	20,170,028	-	6,943,329 77.48	
Britania-U	597,188	-	597,188	479,088	-	-	-	-	-	479,088	-	118,100 19.78	
Seplat	14,422,584	63,612,303	78,034,887	443,644	1,635,619	-	-	-	67,880,520	-	69,960,783	-	8,074,105 10.35
Oriental Energy	3,569,520	-	3,569,520	1,191,104	-	-	-	-	-	-	1,191,104	-	2,318,416 66.63
SEEPCO	1,528,200	-	1,528,200	877,135	408,477	-	-	-	-	-	1,285,612	-	162,430 10.63
Frontier	128,199	26,897,845	27,026,043	11,2978	-	-	-	-	24,929,203	19,190,92	26,561,273	-	64,771 0.24
New Cross	6,276,783	-	6,276,783	-	-	-	-	-	450,188	-	53,991	-	5,772,504 9.97
Prime Exploration	401,685	-	401,685	-	-	-	-	-	-	-	-	-	40,685 100
Erotin	2,152,774	7,432,234	9,585,008	123,760	-	-	-	-	8,141,042	-	-	-	1,320,206 13.77
Universal Energy	531,000	-	531,000	151,560	-	-	-	-	-	-	151,560	-	319,440 7.46
AITEO	5,860,119	-	5,860,119	176,367	-	-	-	-	422,595	598,362	-	-	5,261,157 88.78
Network	643,747	-	643,747	-	-	-	-	-	-	-	-	-	643,747 100

^aAll Volumes are in MSCF (Thousand Standard Cubic Feet)



Table 57: 2016 Gas Production and Utilization by Company^a

Company	Gas Produced		Total Gas Produced	Fuel Gas	Gasslift Make-up	Gas Re-injection	NGL / LPG Feed Gas	Gas To NIPP	Gas Sold		% Flared		
	AG	NAG							Local Supply	Gas Export			
SPDC	33,752,642	552,030,385	585,833,027	10,063,070	3,921,195	-	19,974,591	7,137,425	527,671,911	568,768,192	-	17,014,335 29	
SNEPCO	56,321,100	-	56,321,100	41,403,332	9,255,015	-	-	-	46,162,945	50,303,277	-	6,017,823 16,68	
Chevron Nigeria	104,340,051	71,899,907	176,340,558	14,421,768	18,613,331	-	7,407,605	-	75,191,387	39,874,618	155,508,959	-	26,634,723 15,11
Belerna	4,311,220	-	4,311,220	141,322	-	-	-	-	-	-	141,322	-	4,169,898 96,72
Star Deep	142,335,307	-	142,335,307	6,728,501	-	106,412,113	-	-	-	-	13,140,614	-	29,194,693 20,51
Mobil	405,152,871	-	405,152,871	33,074,573	17,774,557	287,268,239	27,951,331	-	-	366,040,680	195,000	40,160,194	991
Esso	180,621,668	-	180,621,668	15,566,984	3,755,472	149,208,814	789,433	-	-	166,310,702	-	18,066,638	10
NAOC	103,604,244	247,960,988	351,565,332	32,708,783	143,396	242,5564	17,772,587	11,639,392	44,919,750	194,396,567	304,022,039	29,208,461	18,334,832 52,22
TEPNC	131,177,242	91,527,030	223,104,272	10,397,810	-	65,916,007	-	-	244,334	135,988,835	212,547,086	98,521	11,054,669 4,93
TUPNI	193,278,030	-	193,278,030	6,485,380	-	74,675,760	-	-	-	109,412,190	90,573,330	-	-
AENR	2,807,203	-	2,807,203	109,800	-	-	-	-	-	109,800	-	-	2,704,700 1,4
NAE	15,965,150	-	15,965,150	1,488,740	-	9,075,740	-	-	-	10,564,480	146,400	-	2,667,403 96,09
Addax	43,012,588	-	43,012,588	27,354,772	10,723,144	6,351,270	-	-	-	18,009,886	-	23,202,701	33,91
Pan Ocean	1,995,149	-	1,995,149	79,516	-	-	-	-	1,863,339	-	1,943,155	-	51,994 2,61
NPDC	23,983,305	99,939,810	123,923,015	1,813,879	-	-	-	101,725,970	-	103,539,849	-	-	20,383,166 16,45
AMNI	6,154,446	-	6,154,446	181,350	-	1,524,840	-	-	-	1,706,190	-	-	4,448,256 7,28
Atlas	809,080	-	809,080	174,280	-	-	-	-	-	174,280	-	-	634,800 7,46
Moni Polio	293,795	-	293,795	8,047	-	-	-	-	-	8,047	-	-	265,748 9,26
Niger Delta	713,950	10,523,621	11,237,211	136,662	-	-	-	-	11,030,765	11,167,427	-	-	69,784 0,62
Continental	1,557,351	-	1,557,351	132,032	-	-	-	-	-	132,032	-	-	1,455,329 1,52
Consolidated	224,220	-	224,220	56,332	-	-	-	-	-	56,332	-	-	167,888 7,88
Express	909,090	-	909,090	-	-	-	-	-	-	-	-	-	909,090 100
Dubri	1,795,397	-	1,795,397	21,773	-	-	-	-	-	-	-	-	1,773,624 98,79
Platform	7,011,040	-	7,011,040	25,254	-	-	-	-	1,181,544	1,206,798	-	-	5,804,242 8,79
Waltersmith	176,641	168,180	344,821	-	-	-	-	-	-	344,821	-	-	-
Midwestern	1,548,189	-	1,548,189	466	-	-	-	-	-	466	-	-	1,547,723 99,97
Pillar	168,040	-	168,040	18,670	-	-	-	-	-	18,670	-	-	149,370 88,89
Allied	2,082,750	-	2,082,750	136,597	-	-	-	-	-	136,597	-	-	1,966,153 93,44
Energia	4,578,157	-	4,578,157	151,275	-	-	509,477	-	-	660,752	-	-	3,917,405 85,57
Britannia-U	382,762	-	382,762	307,148	-	-	-	-	-	307,148	-	-	75,614 197,5
Seplat	6,616,6810	75,965,090	82,581,900	164,981	-	-	-	-	77,036,730	77,797,235	-	-	1,547,723 99,97
Oriental Energy	5,126,697	-	5,126,697	87,251	-	-	-	-	16,189,317	-	-	4,704,665 5,79	
SEEPCO	1,76,291	-	1,76,291	111,065	4,76,843	-	-	-	-	87,321	-	-	4,254,446 83,99
Frontier	138,685	26,401,320	26,540,005	166,174	-	-	-	-	26,236,46	-	-	114,382 9,9	
Newcross	6,561,410	-	6,561,410	69,770	-	-	-	-	-	8,000	-	-	6,483,640 98,81
Prime Exploration	164,981	-	164,981	-	-	-	-	-	-	-	-	-	164,981 100
Erotin	9,869,983	16,719,290	26,589,273	506,925	-	-	-	-	-	-	-	-	9,869,983 100
Universal Energy	416,120	-	416,120	5,240	-	-	-	-	-	5,240	-	-	410,880 98,74
Alteo	14,683,395	-	14,683,395	24,318	-	-	-	-	-	1,025,532	1,249,850	-	13,363,745 91,15
Network	542,030	-	542,030	3,350	-	-	-	-	-	3,350	-	-	538,680 93,38
Yinka Folawiyo	722,695	-	722,695	34,905	-	-	-	-	-	34,905	-	-	687,790 95,17

^aAll Volumes are in MScf (Thousand Standard Cubic Feet)



Table 58: 2017 Gas Production and Utilization by Company [#]

Company	Gas Production AG	Gas Production NAG	Total Gas Produced	Fuel Gas	Gaslift Make- Up	Re-Injection	NGL / LPG (Feed Stock)	Gas To NIPP	Gas Sold Local	Gas Export	Total Gas Utilised	Gas Shrinkage	Total Gas Flared	% Flared	
SPDC	46,219,889	668,953,156	715,173,045	5,892,591	-	-	22,551,192	7,269,603	64,231,303	-	68,319,562	-	2,853,484	3.61	
SNEPCO	45,624,287	-	45,624,287	3,518,118	-	-	-	-	35,029,952	38,548,070	-	7,137,824	15.64		
Chevron Nigeria	115,335,828	117,586,786	232,922,614	19,439,142	23,917,225	-	10,677,237	-	107,778,404	61,029,746	222,842,355	-	16,410,467	7.05	
Star Deep	149,390,060	-	149,390,060	6,670,532	-	105,988,832	-	-	-	112,659,764	-	36,330,296	24.59		
Mobil	397,548,179	-	397,548,179	32,907,077	16,753,292	270,120,768	22,888,901	-	-	341,569,937	-	45,980,099	11.71		
Esso	175,426,666	-	175,426,666	12,161,782	26,985,50	141,973,74	496,768	-	-	151,330,374	-	20,782,599	11.56		
NAOC	109,366,075	203,169,629	312,535,704	30,895,623	61,726,61	1,401,649	14,699,197	151,123,447	42,428,116	171,268,059	276,390,552	20,877,434	11,047,377	5.45	
TEPING	162,715,345	97,358,666	260,074,010	12,516,671	-	90,432,004	-	-	144,514,411	241,463,086	-	126,10,925	4.85		
TUPNI	211,877,000	-	211,877,000	6,406,000	-	77,543,000	-	-	125,921,000	208,970,000	-	20,070,000	0.95		
AENR	1,654,319	-	1,654,319	109,800	-	-	-	-	109,800	-	-	1,544,519	93.36		
NAE	16,170,600	-	16,170,600	1,567,750	-	13,726,690	-	-	-	14,694,440	145,200	130,960	8.23		
Addax	37,099,343	-	37,099,343	2,410,144	10,620,044	4,273,992	-	-	-	11,099,160	11,703,680	-	19,415,041	53.33	
Pan Ocean	5,562,591	-	5,562,591	1,379,16	-	-	-	-	3,276,364	-	3,414,280	21,483,311	38,662		
NPDC	128,621,081	-	128,621,081	1,507,148	-	-	-	-	90,878,200	-	92,385,448	-	36,535,633	28.17	
AMINI	7,347,070	-	7,347,070	153,730	-	1,880,510	-	-	-	2,034,240	-	5,336,910	72.64		
Atlas	743,850	-	743,850	175,700	-	-	-	-	-	175,700	-	568,150	76.38		
Monipula	158,422	-	158,422	4,425	-	-	-	-	-	-	4,425	-	153,996	97.21	
Niger Delta	1,010,493	13,317,032	14,317,032	143,770	-	-	-	-	272,487	13,754,017	141,70,274	-	157,251	1.1	
Continental	2,118,427	-	2,118,427	102,427	-	-	-	-	-	102,427	-	-	20,076,000	95.16	
Consolidated	319,770	-	319,770	55,821	-	-	-	-	-	55,821	-	-	263,949	85.54	
Express	1,156,900	-	1,156,900	19,500	-	-	-	-	-	19,500	-	-	1,131,400	96.31	
Dubri	2,036,334	-	2,036,334	25,559	-	-	-	-	-	25,659	-	-	2,010,675	98.74	
Platform	9,339,304	-	9,339,304	25,185	-	-	-	-	1,327,508	-	1,352,693	-	7,986,611	85.52	
Walter Smith	241,313	231,489	472,802	-	-	372,585	100,217	-	-	-	472,802	-	-	-	
Md Western	2,169,413	-	2,169,413	653	-	-	-	-	-	653	-	-	2,168,760	99.97	
Pilar	234,050	-	234,050	26,135	-	-	-	-	-	26,135	-	-	207,915	88.83	
Allied Energy	2,380,230	-	2,380,230	19,310	-	-	-	-	-	19,310	-	-	2,260,920	95.19	
Energia	7,610,396	-	7,610,396	144,479	-	-	364,315	-	-	-	508,794	-	-	7,011,602	93.31
Britanna-U	316,193	-	316,193	253,178	-	-	-	-	-	253,178	-	-	63,015	19.93	
Sepiat	14,933,620	87,914,790	102,838,410	362,565	1,284,299	-	-	92,810,590	-	94,457,454	-	8,380,956	8.15		
Oriental Energy	2,007,497	-	2,007,497	564,248	-	299,843	-	-	-	864,091	-	-	1,143,406	56.96	
SEFCO	2,141,407	-	2,141,407	1,215,330	706,071	-	-	-	-	1,921,401	-	-	220,006	10.27	
Frontier	53,016	30,583,125	30,636,141	160,332	-	-	-	-	30,361,331	-	-	-	114,188	0.37	
New Cross	5,842,046	-	5,842,046	45,737	-	-	-	-	-	45,737	-	-	5,796,309	95.22	
Prime Exploration	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!	
EROTEN	11,174,764	17,893,360	29,067,624	423,179	-	-	-	-	16,337,580	1,752,900	18,513,659	-	10,533,965	36.31	
Universal Energy	634,250	-	634,250	3,880	-	-	-	-	-	3,880	-	-	630,370	95.39	
Aliteo	15,060,043	-	15,060,043	290,893	-	-	-	-	-	1,954,584	2,245,477	-	128,745,66	85.09	
Network	75,007,076	-	75,007,076	7,300	-	-	-	-	-	7,300	-	-	742,776	95.03	
Belena Oil	4,960,814	-	4,960,814	144,105	-	-	-	-	-	144,105	-	-	4,816,709	97.1	
Yinka Falawyo	2,044,800	-	2,044,800	-	873,560	-	-	-	-	873,560	-	-	1,171,240	57.28	
Green Energy	1,643,920	-	1,643,920	-	-	-	-	-	-	-	-	-	1,643,920	100	
Excel	12,127	-	12,127	-	-	-	-	-	-	-	-	-	12,127	100	

[#]All Volumes are in MSCF (Thousands Standard Cubic Feet)



4.3.3.1 Gas Production Summary

The total volume of gas produced in the year 2017 was 2.94TCF, which averaged a daily production rate of 8.05 BSCFD. The volume of gas produced comprised of 1.73TCF Associated Gas, representing 58.74% of the total gas produced and 1.21TCF Non-Associated Gas, representing 41.26% of the total gas. Also, 2.59TCF (88.13%) of the produced gas was utilized while a total of 21.02BCF representing 0.7% was attributed to gas shrinkage. The remaining 11.04% (or an average daily rate of 888.50MMscf/d) of the produced gas, was flared.

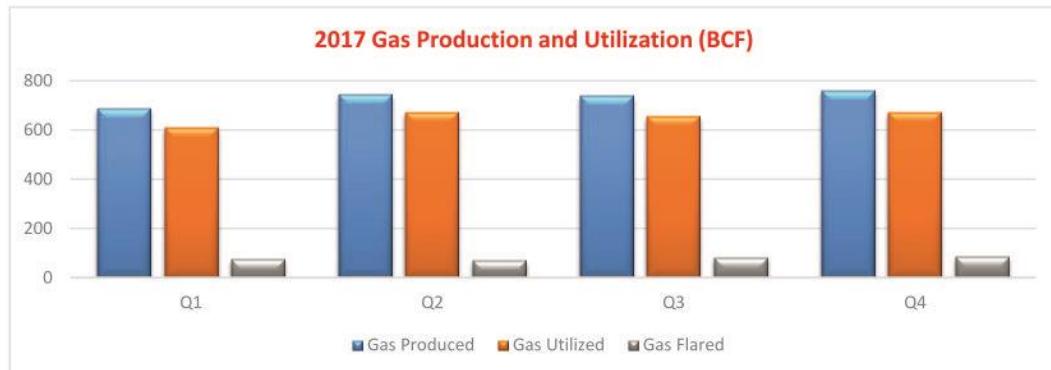


Figure 17: 2017 Gas Production and Utilization Profile

4.3.3.2 Gas utilization Synopsis

The average daily gas utilized in 2017 stood at 7.09 BCFD. A breakdown of the total gas utilized shows that 145.95 BCF was utilized as fuel by the operating companies, 88.06 BCF was used for gas-lifting, 707.14BCF was re-injected into reservoirs, 48.53 BCF was recovered as NGL and 1.59 TCF was supplied as sales gas to third party consumers i.e. NLNG, PHCN, IPPs, EGTL, and so on. A breakdown of the gas sold shows that gas to export oriented companies like NLNG and EGTL accounted for 1.20 TCF while other local consumers accounted for 392.74 BCF.

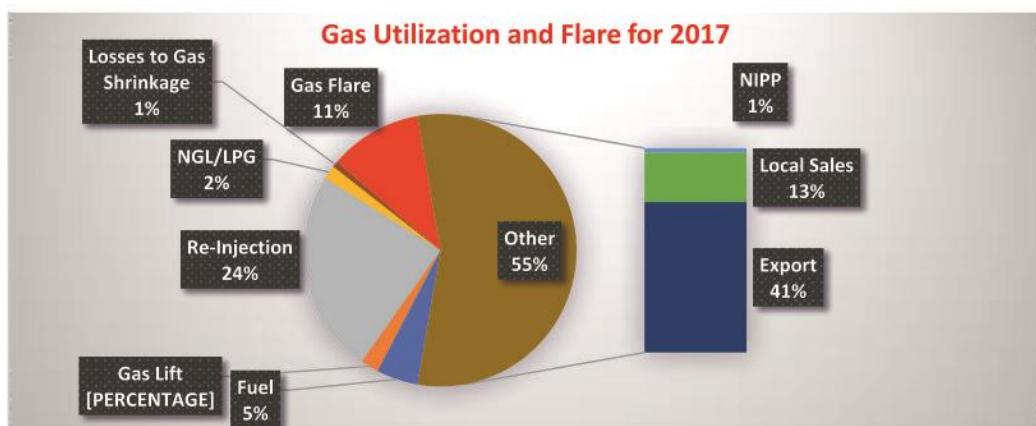


Figure 18: The breakdown of Utilization



Table 59: 2017 LNG Exports, MT

January	February	March	April	May	June	July	August	September	October	November	December	Total
1,611,078	1,283,365	1,223,106	2,149,575	1,737,271	1,536,240	1,742,839	1,935,503	1,526,643	2,030,090	1,652,870	1,534,599	19,963,180

LNG Export

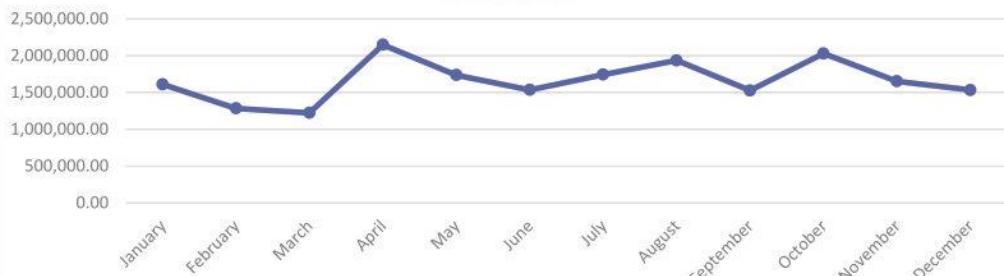


Figure 19: Monthly LNG Export from NLNG

Domestic Gas Sales Versus Supply to NLNG {export}

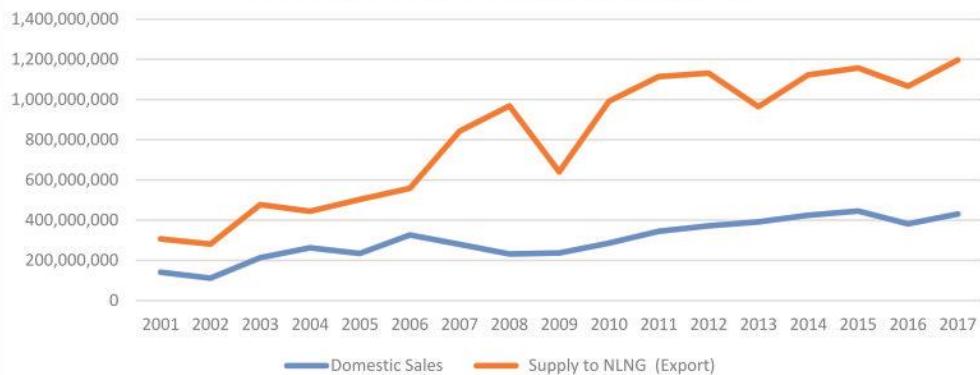


Figure 20: Domestic Gas Sales Versus Sales to NLNG (Export)

4.3.3.3 2017 Gas Flaring Profile

A total of 324.30 BCF (55.91×10^6 BOE) of produced associated gas was attributed to flare during the period under review. This translates to a daily average gas flaring rate of 888.5MMscf/d (153.19×10^3 BOE). The associated gas flare figure represents 18.79% of total associated gas produced during the period. Figure 17 shows the contribution of the operating companies with averaged daily flare above 5MMscf/day during the year.



The year 2017 experienced a slight increase in gas flare volumes with respect to the volume of gas produced. This increase was several factors which includes: constant equipment upset/failures in aging facilities, sabotage, High GOR in aging wells, funding challenges in executing gas handling projects and other operational challenges experienced by Operators.

Flare Profile of Producing Companies in 2017

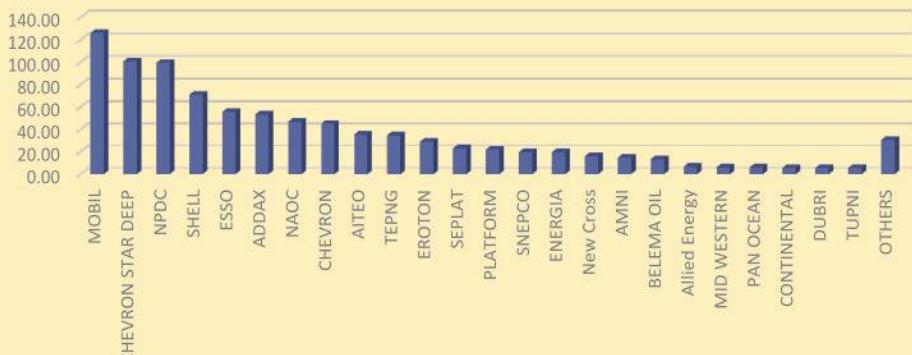


Figure 21: Gas Flare Profile

Gas Utilized vs Gas Flared

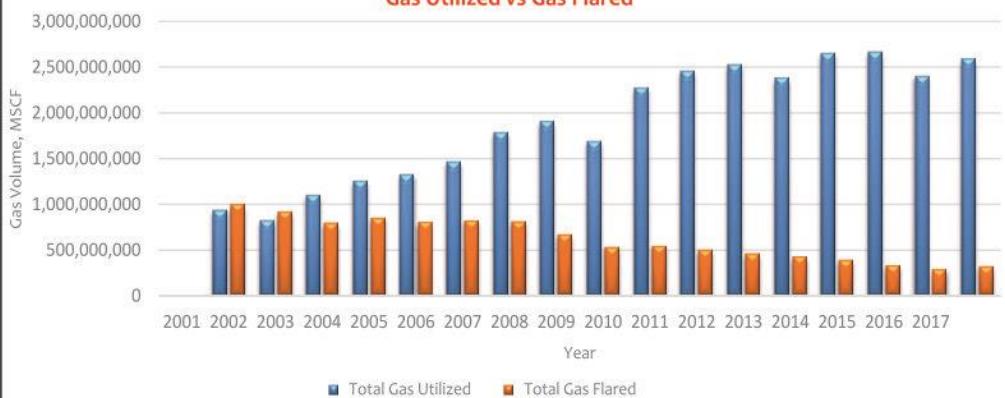


Figure 22: Gas Utilized Versus Gas Flared



4.3.4 Gas Infrastructures

4.3.4.1 Major Gas facilities

Table 60: Summary of Major Gas Facilities

S/N	Company	Facility	Facility Type	Location	Design Capacity (Nmmscf/D)	Facility Design Life	Date Of Commissioning
1	SPDC			Afiebere	8	25yrs	1977
2		Afiebere Gas Lift Compressor Station	Compressor Station	Afiebere	21	25yrs	NGC
3		Agbada AGG Plant	AGG Plant	Agbada	58	25yrs	2002
4		Agbada 1 FS Booster Compressor Station	Compressor Station	Agbada	12	25yrs	2002
5		NAG Plant	AGG Plant	Alakiri	120	25yrs	1987
6		Awoba AGG Plant	AGG Plant	Awoba	50	25yrs	2004
7		Batan FS Booster Compressor Station	Compressor Station	Batan	10	25yrs	2002
8		Belema FS Booster Compressor Station	Compressor Station	Belema	12	25yrs	2002
9		Belema AGG Plant	AGG Plant	Belema	55	25yrs	2002
10		Bonny NAG Plant	NAG Plant	Bonny	450	25yrs	2002
11		Cawthorne Channel AGG Plant	AGG Plant	Cawthorne Channel	150	25yrs	2005
12		EGWA 1 FS Booster Compressor Station	Compressor Station	EGWA	10	25yrs	2002
13		EGWA 2 FS Booster Compressor Station	Compressor Station	EGWA	10	25yrs	2002
14		Ekulama 1 FS Booster Compressor Station	Compressor Station	Ekulama	12	25yrs	2002
15		Ekulama 2 FS Booster Compressor Station	Compressor Station	Ekulama	12	25yrs	2002
16		Eriemu NGC Compressor Station	Compressor Station	Eriemu	10	25yrs	2002
17		Escravos Beach FS NGC Compressor Station	NGC Compressor Station	Escravos Beach	18	25yrs	NGC
18		Imo River 2 FS Booster Compressor Station	Compressor Station	Imo River	12	25yrs	2002
19		Imo River 3 FS Booster Compressor Station	Compressor Station	Imo River	12	25yrs	2002
20		Imo River AGG Plant	AGG Plant	Imo River 1	65	25yrs	2002
21		Jones Creek NGC Compressor Station	Compressor Station	Jones Creek	18	25yrs	NGC
22		Kokori NGC Compressor Station	Compressor Station	Kokori	8	25yrs	NGC
23		Krakana FS Booster Compressor Station	AGG Plant	Krakana	5	25yrs	Not Commissioned
24		Nembe Creek 1 FS Booster Compressor Station	Compressor Station	Nembe Creek	10	25yrs	2001
25		Nembe Creek 2 FS Booster Compressor Station	Compressor Station	Nembe Creek	10	25yrs	2001
26		Nembe Creek 3 FS Booster Compressor Station	Compressor Station	Nembe Creek	5	25yrs	2001
27		Nembe Creek 4 FS Booster Compressor Station	Compressor Station	Nembe Creek	5	25yrs	2001
28		Nkali FS Booster Compressor Station	Compressor Station	Nkali	12	25yrs	2003
29		Oben MAG Plant	NAG Plant	Oben	240	25yrs	1983/Expanded 2015



S/N	Company	Facility	Facility Type	Location	Design Capacity (Mmscf/D)	Facility Design Life	Date Of Commissioning
31		Oben NGC Compressor Station	Compressor Station	Oben	16	25yrs	NGC
32		Oben AG Compressor Station	Compressor Station	Oben	30	25yrs	2015
33		Obigbo North AGG Plant	AGG Plant	Obigbo North	54	25yrs	1989
34		Obigbo North NAG Plant	NAG Plant	Obigbo North	90	25yrs	1984
35		Odeama Creek FS Booster Compressor Station	Compressor Station	Odeama Creek	5	25yrs	Not Commissioned
36		Odidi AGG Plant	AGG Plant	Odidi	80	25yrs	2001
37		Odidi NGC Compressor Station	Compressor Station	Odidi	18	25yrs	NGC
38		Oguta Gas Injection Plant	Gas Injection Plant	Oguta	40	25yrs	2004*
39		Okoloma NAG Plant	NAG Plant	Okoloma	240	25yrs	2008
40		Olomoro-Oleoh NGC Compressor Station	Compressor Station	Olomoro-Oleoh	3.3	25yrs	NGC
41		Oweh NGC Compressor Station	Compressor Station	Oweh	5.5	25yrs	NGC
42		Santa Barbara FS Booster Compressor Station	Compressor Station	Santa Barbara	8	25yrs	2001
43		Sapele NAG Plant	NAG Plant	Sapele	120	25yrs	1978
44		Sapele NGC Compressor Station	Compressor Station	Sapele	24	25yrs	2003
45		Soku FS Booster Compressor Station	Compressor Station	Soku	5	25yrs	2002
46		Soku LNG Gas Supply Plant	AG/NAG Plant	Soku	1100	25yrs	1999
47		Ughelli East NAG Plant	NAG Plant	Ughelli East	150	25yrs	1966
48		Utorogu NAG Plant	NAG Plant	Utorogu	270*	25yrs	1988
49		Utorogu NGC Compressor Station	Compressor Station	Utorogu	7	25yrs	2004
50		Uzere West NGC Compressor Station	Compressor Station	Uzere West	10	25yrs	NGC
51	CNL	Agbami FPSO	FPSO	Agbami – Deep Offshore	415		
52		Escravos Gas Plant	Gas Plant	Escravos Island	680		
53		Meren Gas Gathering Compression Station	Compressor Station	Meren-Offshore	24		
54		Okan Gas Gathering Compression Station	Compressor Station	Okan-Offshore	140		
55		Meji Gas Gathering Compression Station	Compressor Station	Meji-Offshore	70		
56		Abiteye Gas Compression Plant	Gas Compression Plant	Abiteye	29		
57		Olero Creek Compression Station	Compressor Station	Olero	52		
58		Dibi Compression Station	Compressor Station	Dibi	52		
59		Escravos Gas To Liquid Plant	GTL Plant	Escravos Island	328/340	25	
60	MPNL	Erha FPSO	FPSO	Erha-Deep Offshore	340		March - 2006
61		OSO -PX (Offshore)		Offshore	600		
62		BRT LPG Fractionating Plant	Fractionation Plant	Bonny Island	85MBPD		
63		BRT LPG Fractionating Plant	Fractionation Plant	Bonny Island			
64		EAP - GX (Offshore)	Fractionation Plant	Offshore	950		



S/N	Company	Facility	Facility Type	Location	Design Capacity (Mmscf/D)	Facility Design Life	Date Of Commissioning
65	TEPNC & TUPNI	Obite AG Plant	AG Plant	Obite-Obaagi	334.1		
66		Amenam Kpono AG Plant - Offshore	AG Plant	Amenam/ Kpono	441.5		
67		Akpo FPSO	Gas Export/Injection	Akpo Offshore	215		
68	NAOC & NAE	Okpai Gas Plant		Kwale			
69		Irit Isoko Condensate Flow Station	Flow Station	Isoko			
70		ABO FPSO	FPSO	Offshore			
71		OB/OB AG Plant	AG Plant	Obaifo/ Obrikom	654		
72		Kwale Gas Compression Station	Compressor Station		375		
73	ADDAX	Izombe Gas Injection Plant	Injection Plant	Imo/Izombe	48 @3500 PSI		
74		Izombe Flare Down Gas Compression Plant	Compression Plant	Imo/Izombe	16.78 @ 3500 PSI		
75	NLNG	LNG Plant	NAG Plant	Bonny	680	20	EGP1/2(1997) EGP3 (2010)
76	POOCN	Ogharefe Gas Plant		Ogharefe			
77	NPDC	Early Production Facility		Ogharefe			
78		Gas Handling Facility	AG Plant	Ogharefe			
79	Global Gas & Refining Limited	BOT FPSO	Gas Processing Plant	Bonny River			
80	SEPLAT	Open Gas Plant	NAG Plant	Oben	240	25yrs	1982
81		Sapele Gas plant	NAG Plant	Sapele	120	25yrs	1978
82		Jisike AG Plant	Compressor Station	Jisike-Offshore			
83	ENERGIA/XENE RGI	Nedo Gas Plant	AG Plant	Ebendo	25		2011
84	NPDC	Odidi					
85		Ughelli East			2836.5		
86		Utorogu			6807.6		
87	PAN OCEAN	Ovade-Ogharefe GPP			130		
88	NAOC	Obiafu/Obrikom			654		
89		Kwale Gas Compression Station	Compression Station		375		
90	PLATFORM	Egbaima Gas Processing Plant	Gas Processing Plant	Egbaima	30	25	
91		Egbaima Wet Gas Met Syst	Metering System	Egbaima	40		
92	FRONTIER	Uquo Gas Processing Facility	Gas Processing Facility		200		



4.3.4.2 Major Gas Projects

Table 61: Status of Major Gas Projects

S/N	Company	Project Title / Location	Expected Completion Date	Expected Production / Processing Capacity(Mmscfd)	Petrochemicals Product Output (Mtpa/Mtpd)
1	Chevron Nigeria Ltd	Abiteye NAG Development Compression Station project Abiteye in Delta State	2019	40	N/A
2	Chevron Nigeria Ltd	Okan and Meji Debottlenecking Projects	2019	340	N/A
3	Dangote Fertilizer Limited	DANGOTE Urea Fertilizer Plant Lekki Free Trade Zone, Lagos	2018	N/A	2.5 million TPA urea
4	Green Energy Int. Ltd.	LPE Extraction Plant Otakikpo Marginal Field, Rivers State	2019	N/A	
5	Greenville Oil & Gas Co. Ltd.	Mini LNG Plant Rumiji (Emohua LGA) Rivers State	2018	N/A	0.25 MTPA LNG
6	Niger Delta Petr. Resources Ltd.	Ogbele Gas Plant Expansion/Enhancement Works Ogbele, PH	2018	300	• 40mmscf/d C1 • LPG • C5
7	Nigerian Petroleum Dev. Co. (NPDC)	UTOROGU NAG 2 PROJECT Utorogu, Warri, Delta State	2018	150	
8	Nigerian Petroleum Dev. Co. (NPDC)	Egbema West NAG Project		50	N/A
9	NLNG - Nig. LNG Ltd.	Train 7 Project		N/A	7MTPA LNG
10	Pan Ocean	Gas Proc. Plant Ph. 2 (GPPP2) (Ovade-Ogharefe Gas Plant)	2019	200	N/A
11	Seplat Petroleum Development Co. Plc.	Assa North/Ohaji South (ANOH) Midstream Project (NAPIMS) AssaN/Ohaji S., Imo	2019	300	N/A
12	Seplat Petroleum Development Co. Plc.	Oben Gas Plant Expansion project	2018	225	N/A
13	Shell Petroleum Dev. Co.	Southern Swamp Associated Gas Solutions Plus Project	2018	100	N/A
14	Shell Petroleum Dev. Co.	Assa North/Ohaji South (Anoh) Gas Plant Project, Ohaji North & Ohaji South fields, Imo State	2019	300	N/A
15	Shell Petroleum Dev. Co.	Focados Yokri Integrated Project (FYIP), Focados Yokri Area	2019	150	N/A
16	Shell Petroleum Dev. Co.	Soku NAG Compression Project, Rivers State	2019	1 Tscf of gas recovery	N/A
17	Shell Petroleum Dev. Co.	Domgas and AG Solution Project - Agbada NAG Solution Project, Rivers State	2019	80	N/A



4.3.4.3 Gas Pipelines

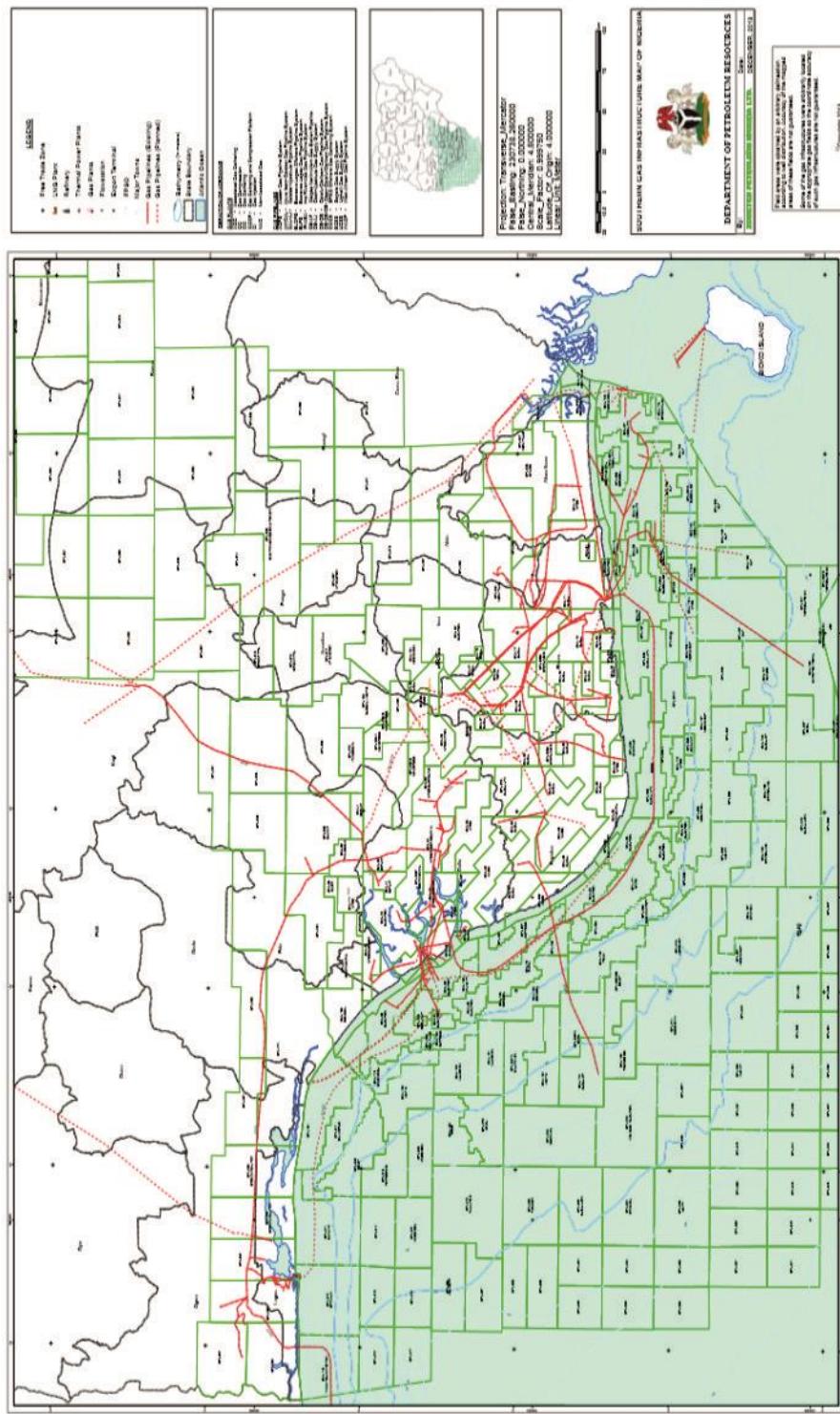


Figure 23: Gas Pipeline Map



4.3.5 LPG PENETRATION

The domestic LPG sector witnessed a significant growth in 2017. There was a 7.69% rise in LPG consumption from the year end of 2016 to 2017. Local consumption grew from the 390,000 MT recorded in 2016 to 420,000 MT. Major developments in the sector included:

- Dozzy Oil and Gas Limited's 5,000 Metric Tonnes (MT) LPG Depot in Calabar, Cross River State became operational in Q2, 2017. The Depot was being operated by Puma Limited as the first privately owned LPG Depot in the Calabar Zone.
- Matrix LPG Nigeria Limited's 5,000 MT Depot Storage in Warri, Delta State was commissioned in Q4, 2017. The LPG depot is also the first privately owned LPG Depot in Warri while the other LPG depot in the area is owned by NNPC.
- The year also saw to the commissioning of NIPCO Plc' LPG Depot capacity expansion project in Apapa, Lagos state. Additional 5,000 MT single tank (The largest single tank capacity in-country) was added to the existing 4,000 MT capacity. The total LPG Depot capacity is 9,000 MT.
- Navgas Limited is also expanding its depot capacity by adding 3,500 MT to the existing 8,000 MT capacity. The total LPG Depot storage capacity will be 11,500 MT when the project is completed in Q1, 2018.

4.4 HEALTH, SAFETY AND ENVIRONMENT

4.4.1 Accident Report

Table 62: 2017 Accident Report – Industry-wide

Incident Date	Incidents	Work Related	Non Work Related	Fatal Incidents	Non Fatal Incidents	Work Related Fatal Incidents	Non Work Related Fatal Incidents	Fatality
January	6	5	1	3	3	3	0	11
February	9	6	3	1	8	0	1	1
March	4	2	2	0	4	0	0	0
April	6	3	3	2	4	0	2	2
May	1	0	1	1	0	0	1	1
June	9	3	6	8	1	2	6	14
July	5	1	4	3	2	1	2	12
August	3	2	1	3	0	2	1	7
September	5	5	0	2	3	2	0	5
October	6	5	1	4	2	3	1	9
November	5	4	1	3	2	2	1	7
December	2	1	1	1	1	0	1	1
Total	61	37	24	31	30	15	16	70



Table 63: 2017 Accident Report – Upstream

Incident Date	Incidents	Work Related	Non Work Related	Fatal Incidents	Non Fatal Incidents	Work Related Fatal Incidents	Non Work Related Fatal Incidents	Fatality
January	2	1	1	0	2	0	0	0
February	3	2	1	1	2	0	1	1
March	4	2	2	0	4	0	0	0
April	5	2	3	2	3	0	2	2
May	1	0	1	1	0	0	1	1
June	7	1	6	6	1	0	6	6
July	4	0	4	2	2	0	2	2
August	2	1	1	2	0	1	1	2
September	3	3	0	0	3	0	0	0
October	4	3	1	3	1	2	1	3
November	2	1	1	1	1	0	1	3
December	2	1	1	1	1	0	1	1
Total	39	17	22	19	20	3	16	21

Table 64: 2017 Accident Report – Downstream

Incident Date	Incidents	Work Related	Non Work Related	Fatal Incidents	Non Fatal Incidents	Work Related Fatal Incidents	Non Work Related Fatal Incidents	Fatality
January	4	4	0	3	1	3	0	11
February	5	4	1	0	5	0	0	0
March	0	0	0	0	0	0	0	0
April	1	1	0	0	1	0	0	0
May	0	0	0	0	0	0	0	0
June	2	2	0	2	0	2	0	8
July	1	1	0	1	0	1	0	10
August	1	1	0	1	0	1	0	5
September	2	2	0	2	0	2	0	5
October	2	2	0	1	1	1	0	6
November	3	3	0	2	1	2	0	4
December	0	0	0	0	0	0	0	0
Total	21	20	1	12	9	12	0	49

**Work related incidents in this context, refer to incidents that occur in the course of direct work; slips, trips and falls that occur whilst working are common examples.

**Non work related incidents include road traffic accidents (conveying workers) and natural causes.

¹ Petroleum tanker road accidents are not included in the reports.

Table 65: Accident Report – Upstream

Incident Date	Incidents	Work Related	Non-Work Related	Fatal Incidents	Non-Fatal Incidents	Work Related Fatal Incidents	Non-Work Related Fatal Incidents	Fatality
2010	41	18	23	17	24	3	14	18
2011	44	21	23	17	27	5	12	17
2012	48	26	22	26	22	11	15	34
2013	45	17	28	16	29	5	11	28
2014	32	8	24	13	19	0	13	14
2015	35	11	24	23	12	6	17	50
2016	33	9	24	15	18	2	13	24
2017	39	17	22	19	20	3	16	21



Table 66: Accident Report – Downstream

INCIDENT DATE	INCIDENTS	WORK RELATED	NON WORK RELATED	FATAL INCIDENTS	NON-FATAL INCIDENTS	WORK RELATED FATAL INCIDENTS	NON-WORK RELATED FATAL INCIDENTS	FATLITY
2010	9	6	3	4	5	3	1	7
2011	9	8	1	2	7	1	1	2
2012	1	1	0	1	0	1	0	1
2013	12	12	0	2	10	2	0	2
2014	8	7	1	2	6	1	1	8
2015	14	13	1	9	5	8	1	36
2016	17	15	2	6	11	6	0	14
2017	21	20	1	12	9	12	0	49

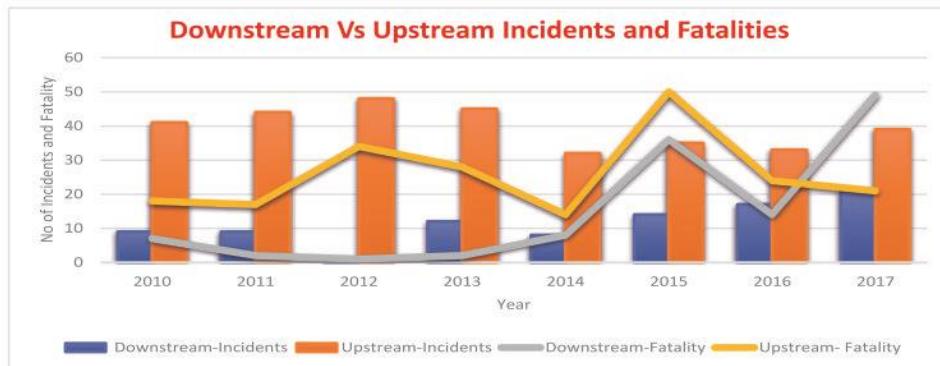


Figure 24: Downstream Vs Upstream Incidents and Fatalities

Table 67: Accident Report – Industry-wide

Incident Date	Incidents	Work Related	Non Work Related	Fatal Incidents	Non Fatal Incidents	Work Related Fatal Incidents	Non Work Related Fatal Incidents	Fatality
2010	50	24	26	21	29	6	15	25
2011	53	29	24	19	34	6	13	19
2012	49	27	22	27	22	12	15	35
2013	57	29	28	18	39	7	11	30
2014	40	15	25	15	25	1	14	22
2015	49	24	25	32	17	14	18	86
2016	50	24	26	21	29	8	13	38
2017	61	37	24	31	30	15	16	70

Industry Safety Performance

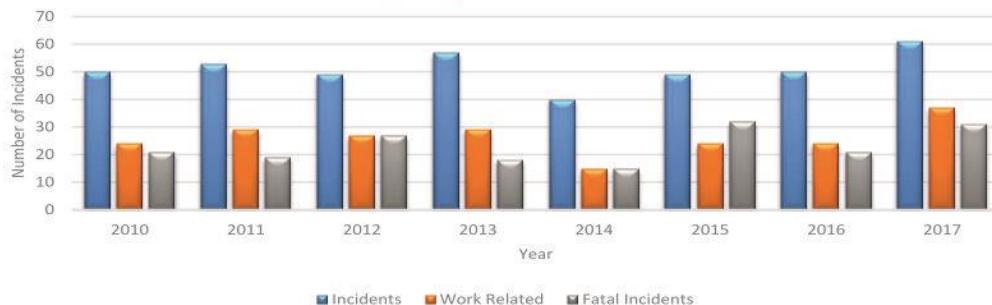


Figure 25: Industry Safety Performance



4.4.2 Spill Incidence Report

Table 68: 2017 Spill Incidence Report

Month	Natural Accident ¹	Corrosion ²	Equipment Failure ³	Sabotage ⁴	Spill Incidents						Total number of Spills	Volume spilled(BBLs)
					Human Error ⁵	YTBD ⁶	Mystery ⁶	Erosion / Wave / Sand	Operational / Maintenance	Sunken Barge		
January	4	6	20	0	5	2	0	3	3	3	40	91,98425
February	2	7	20	0	6	2	3	0	0	40	40	177,96
March	1	7	23	1	13	1	1	1	1	48	48	229,3399
April	5	3	8	0	8	0	1	0	0	25	25	768,36289
May	1	5	14	1	7	2	2	1	1	33	33	699,5554
June	3	6	26	0	4	3	2	3	3	47	47	712,88651
July	3	1	29	0	3	5	1	1	1	43	43	2036,1519
August	1	2	17	0	4	4	0	1	1	29	29	300,57284
September	1	2	20	0	2	6	1	1	1	33	33	1511,36831
October	0	3	12	0	2	5	1	0	0	23	23	234,31556
November	1	1	33	0	4	9	0	0	0	48	48	2249,354
December	2	0	3	0	10	4	1	0	0	20	20	85,2009
Total	24	43	225	2	68	43	13	11	429	429	9097,05239	

¹Spills caused by natural disasters/events such as flooding, extreme weather conditions etc.

²Spills caused by corrosion of pipelines, vessels, tanks and other crude oil handling installations.

³Spills caused by preventable failure of oil and gas installations/equipment

⁴Spills caused by third party intervention. This also includes cases of vandalism and crude oil theft that may not have resulted to hydrocarbon release to the environment.

⁵Spills caused by operational errors involving a human interface.

⁶This means "Yet-to-be-determined". The cause(s) of the spill(s) were not reported in the submitted oil spill reporting forms. Usually indicative that the Form B was not submitted, or the Joint Investigation Visit (JIV) was either not carried out or was inconclusive. Often, the quantity spilled for this category of spills may also not have been reported.

⁷Spills identified or reported by operators who assert that the spill did not originate from their facilities. The origin of the spill is thus said to be inconclusive. Usually the operator is expected to take reasonable steps to respond to the spill in addition to the reporting of same.



Table 69: Spill Incidence Summary

Years	Number Of Spills	Quantity Spilled (Barrels)
2010	537	17,658.10
2011	673	66,906.84
2012	844	17,526.37
2013	522	4,066.20
2014	1087	10,302.16
2015	753	32,756.87
2016	434	1,658.98
2017	29	9097.05239

Table 70: 2017 Report on Produced Water Volumes Generated

Company	Facility	Water Depth	Distance From Shore	Volume/Day (Bbl)
Addax	Knock Adoon	140ft	37.04 km	40000
Oriental	FSO Virini	140ft	40km	30000
Chevron	Funiwa PP	35.1ft	8.54km	14535
Chevron	Delta PP	15ft	4.6km	10000
Chevron	Parabe PP	48.2ft	12.75km	20600
Chevron	Okan PP	30ft	10km	58000
Chevron	Meren1	42.65ft	15km	26000
TEPNG	Amenam/Kpono	134.5ft	34km	19869
POOC	98 & 275	Land	Land	8500
Moni Pulo	Agbani Barge	6ft	4.4km	10000
SPDC	Sea Eagle FPSO	87ft	15km	70000
SPDC	SPDC	12.5ft	5km	110517
SPDC	3rd Party	12.5ft	5km	87320
SPDC	SPDC	11.5ft	7.5km	70686
SPDC	3rd Party	11.5ft	7.5km	14966
NAOC	Brass O.T	Swamp	Swamp	110000
MOBIL	QIT	40ft	8.5km	150410
CONOIL	Antie Julie	75ft	4.3km	22000
Mobil Prod.	OSO	51ft	15.5km	3292
Amni Int.	Armada Perkasa FPSO	131ft	15km	15000
Midwestern	UMUSADEGE	Land	Land	4399
Network	Qua Iboe	Land	Land	58.66
Frontier	UQUU	Land	Land	0
Atlas	EJULEBE	Land	Land	18500
Energia	EBENDO	Land	Land	65
Esso Exp	Usan Production North	2461ft	100km	821
Esso Exp	Usan Production South	2461ft	100km	36657
Esso Exp	Erha	3281ft	97km	27,878
Green Energy	Otakikpo	Land	Land	3
NAE	Abo FPSO	1804ft	40km	1308
SNEPCO	Bonga Main FPSO	3280ft	120km	50,000
Allied	OYO FPSO	1148ft	75km	200



Table 71: 2017 Drilling Waste Volumes

Months	Sum of WBMC (MT)	Sum of OBMC (MT)	Sum of SPENT WBM (MT)	Sum of Spent OBM (MT)
January	766.87	536.70	1,330.79	440.25
February	1,669.51	1,312.89	2,067.89	1,217.30
March	806.34	429.97	1,394.62	731.80
April	1,190.34	500.97	1,994.62	1,227.80
May	2,768.73	2,643.53	1,650.62	1,395.97
June	1,082.90	2,494.50	1,382.90	1,436.50
July	2,493.93	1,235.27	93.44	8.15
August	2,315.00	1,549.00	1,976.00	1,194.05
September	2,662.70	1,792.40	1,878.60	1,454.00
October	6,808.00	5,660.40	5,273.50	2,663.40
November	1,806.00	2,123.00	1,229.47	1,293.44
December	6,360.60	2,812.00	5,127.50	1,804.50
Grand Total	30,790	23,090.63	25,399.95	14,867.16

Table 72: 2017 Accredited Waste Managers

Company Name	Type Of Facility	Location Area	Operational Status
Specialty Drilling Fluids Ltd	TDU: 1 unit WBM: 1 unit	Rivers State	Operational
Nubian Nigeria Ltd	TDU: 1 LTDU (Rotomil Low Temperature)	Rivers State	Operational
Delta Waste Management Company Limited (DEL)	TDU: 3 LTDU, 1 Medium INCINERATOR: 1 High Temp Hazardous Waste Incinerator	Rivers State	Operational
ITS Drilling Services	INCINERATOR: 2 Trash Incinerators CA1000 & RD700 (Models)	Rivers State	Operational
Paschal Technical Services Ltd	INCINERATOR: 1 Macroburn V90C Incinerator	Rivers State	Operational
Golden Years Ltd	INCINERATOR: 2 Incinerators	Rivers State	Operational
Allman Global	INCINERATOR: 1 Incinerator - Non-operational WBM: Mobile Water based Treatment Plant	Rivers State	Operational
The Initiates	TDU: 1 Indirect Fire Soil Remediation Unit	Rivers State	Operational
Nautilus Engineering and Construction Company (NECC)	TDU: 1 Mobile TDU	Rivers State	Operational
Seric Impianti	TDU: 1 Unit	Rivers State	Operational
Boskel Engineering Services	INCINERATOR: 1 High Temp. Rotary Kiln incinerator, 1 High Temp. Liquid incinerator. TDU: 1 unit	Rivers State	Operational
Halden Nigeria Limited	INCINERATOR: 1 unit Dual Chamber Incinerator	Rivers State	Operational
Frigate Investment Ltd	TDU: 1 unit LTDU WBM: 1 unit	Rivers State	Operational
FIBOW	INCINERATOR: 1-unit High Temp Horizontal flow Multi-Chambered Incinerator	Rivers State	Operational
EPCC Ltd	INCINERATOR: 1 unit Sludge Incinerator	Rivers State	Operational
SPDC	INCINERATOR: 1 Medical Incinerator • Recycling Waste Depot • Sewage Treatment Plant • Eneka Dump Site	Rivers State	Operational



Company Name	Type Of Facility	Location Area	Operational Status
Titan Project Nigeria Ltd	TDU: 1 unit	Rivers State	Operational
MPNU	INCINERATOR (3): • 1 Gencorp Beverly Type Waste Incinerator (for general waste) • 1 Howden Pyrolytic Gasification System (medical incinerator) • 1 Municipal Waste (Trash) incinerator	Rivers State	Operational
Comprehensive Remediation Technologies (CRT)	TDU: 1 unit INCINERATOR: 1 unit	Rivers State	Operational
Mosab Marine and Engineering Services Limited	TDU: 1 unit Vulcan TDU	Rivers State	Operational
Amotoi Global Services Limited	INCINERATOR: 1 unit	Rivers State	Operational
Franco Intl Energy Services	TDU: 1 unit	Bayelsa State	Operational
Prime Sources Ltd	INCINERATOR: 1 unit	Rivers State	Operational
Petro-Scan Ltd	TDU: 1 unit	Rivers State	Operational
Fidella Oil and Gas Services Ltd	TDU: 1 unit Vulcan TDU	Rivers State	Operational
Oolutee Engineering Services	INCINERATOR (3): • 1 Gencorp Beverly Type Waste Incinerator (for general waste) • 1 Howden Pyrolytic Gasification System (medical incinerator) • 1 Municipal Waste (Trash) incinerator	Delta State	Operational
Mawe Services Limited	TDU: 1 unit	Delta State	Operational
Titan Projects Nigeria Limited	TDU: 1 unit	Delta State	Operational
Ebenco Global Resources Limited	Incinerator	Delta State	Operational
Vmart Company Limited	Incinerator	Delta State	Operational
Silver Star Environmental Nigeria Limited	TDU: 4 units	Delta State	Operational
ITS Drilling Services Nigeria Limited	TDU: 1 UNIT	Abia State	Operational
ICREN Services Limited	INCINERATOR: 1 unit	Rivers State	Operational
JAPPCO Nigeria Limited	WBM Handling: On-site treatment unit		Operational
Stelmas Integrated Services Limited	Waste Recycling	Rivers State	Operational
Blueworks Technologies	WBM Handling: On-site treatment unit		Operational
Ejovi Dredging & Marine Services Limited	WBM Handling	Rivers State	Operational
Salasar Enterprises Limited	Pyrolysis plant	Ogun State	Operational
Technoserve Africa Limited	WBM Handling	Rivers State	Operational
Dubi Nigeria Company Limited	WBM Handling	Rivers State	Operational
Montego Upstream Services Limited	TDU WBM Handling	Delta State	Operational
Dakotelin Nigeria Limited	WBM Handling: On-site	Rivers State	Operational
Currenters Nigeria Limited	Waste Recycling Plant	Rivers State	Operational



Table 73: Summary Of Waste Management Facilities

S/N	TYPE OF FACILITY	OPERATIONAL PERMIT
1	TDU	20
2	Incinerator	18
3	Tank Cleaning	18
4	Wbm Handling	10
5	Slop/Produced Water	1
6	Slop Oil	1
7	Sludge Separation/Recovery	2
8	Integrated Waste Management Facility	2
9	Hazardous Waste Transportation	2
10	Lube/Tyre Recycling	1
11	Waste Water Treatment	1
12	Secondary Waste/Solidification	4
Total		80

Table 74: 2017 Oil Spill Contingency Plan Activation

S/N	Location	Nos of Companies for OSCP/FI	Actual Nos of Companies audited
1	Lagos (Depots)	68	50
2	Niger (Depot)	1	1
3	Enugu (Depot)	1	1
4	Zamfara (Depot)	1	1
5	Kaduna (Depot/Refinery)	1	1
6	Port Harcourt (Refinery, Plants, Installations)	20	15
7	Warri (Refinery, Plants, Installations)	20	16
8	Deep Offshore	7	7
9	Owerri	3	2
10	Abia (Depot)	1	1
11	Ilorin	1	0
Total		124	95

Table 75: Number Of Petitions Received In 2017

Category	CSR	Pollution	Compensation	Others (Disputes, Contractual Issues, Recognition As Host Community)
Count	4	10	4	12



Table 76: Request For Approvals – Chemicals

No. of Applications Received	Approved	Disapproved	Pending
34	30 (Biocides- 7; Scale Inhibitors- 5; H2S Scavenger- 5; Bioremediation Products- 2; Floculant- 1; Scale Dissolver- 1; Drilling fluid- 3; Cleaning Agent- 1; Antifoam- 1; Surfactant- 1; Corrosion Inhibitor- 3)	4	0

Table 77: Summary of Accredited Laboratories

Laboratory Service	Number			Total
	Lagos Zone	Port Harcourt Zone	Warri Zone	
Environmental Quality Monitoring	13	22	8	43
Bio-Monitoring	11	10	1	22
Petroleum Product monitoring	13	7	4	24
Geological	3	10	0	13
Material Safety Investigation	1	5	0	6
Total	41	54	13	108

Table 78: Summary of Drilling Chemicals

S/N	Drilling Fluid Type	Numbers
1	Water Base Mud	43
2	Synthetic Base Mud	33
3	Base Fluid	15
4	Oil Base Mud	9
5	Additives	10
6	Others	55
Total		165

Table 79: 2017 Approved Production Chemicals Inventory

S/N	Production Chemicals	Numbers
1	Biocide	55
2	Corrosion Inhibitors	65
3	Oxygen Scavenger	21
4	Emulsion Breakers	47
5	Bioremediation	13
6	Antifoam	26
7	Scale Inhibitor	39
8	Others	28
Total		294



Table 80: Applications For Environmental Restoration Services

Service	Approval Status	Approval Type		Total
		New	Renewal	
Soil Remediation	Approved	9	6	15
	Under Processing	17	0	17
	Disapproved	29	1	30
Oil Spill Containment / Cleanup	Approved	60	55	115
	Under Processing	11	1	12
	Disapproved	7	3	10
Pit Backfilling / Land Reclamation	Approved	0	0	0
	Under Processing	0	0	0
	Disapproved	0	0	0
Total		133	66	199

Table 81: Environmental Studies"

Month	ESR		TOR/SOW		PAIR		EIA		EER/EES		EMP		BIO MON		PIA		PDSS		TOTAL
	A ¹	UR ²	A	UR	A	UR	A	UR	A	UR	A	UR	A	UR	A	UR	A	UR	
January	0	0	1	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	6
February	0	0	2	1	0	0	3	0	2	0	0	0	0	0	0	0	0	0	8
March	0	0	5	1	1	1	4	3	2	1	0	1	0	0	0	0	0	0	19
April	1	0	4	0	1	1	2	6	1	2	0	0	0	0	0	0	0	0	18
May	0	0	5	0	1	0	3	1	2	0	0	0	2	0	0	0	1	0	15
June	0	3	4	1	0	3	1	1	0	1	0	1	0	0	0	0	1	0	16
July	0	0	3	3	0	2	6	2	1	0	0	0	0	0	0	0	0	0	17
August	0	0	0	6	0	3	0	7	0	0	0	0	0	0	0	0	0	0	16
September	1	2	0	4	2	2	0	1	0	1	0	0	0	0	0	0	0	0	13
October	0	2	3	6	0	2	7	4	0	3	0	0	0	0	0	0	0	0	27
November	1	2	1	3	1	3	3	1	0	0	0	0	0	0	0	0	0	0	15
December	0	5	6	2	1	4	4	4	2	1	0	0	0	0	0	0	0	0	29
Total	3	14	34	27	7	21	34	31	11	10	0	2	2	0	1	0	2	0	199

¹A = Approved

²UR = Update required

Table 82: Offshore Safety Permit (OSP) Summary

PERSONNEL REGISTERED	PERSONNEL CAPTURED	PERMITS ISSUED
5880	4979	4698



Table 83: Approved Safety And Medical Emergency Training Centres

S/No	Company	Facility Location Address	Approved Courses
1	Tolmann Allied Services Company Limited	Plot 7b Trans Amadi Industrial Layout, Mothercat Junction (Opp. Anadrill), Port Harcourt	Basic Firefighting; Breathing Apparatus Course; Basic First Aid; Helicopter Landing Officer; Advanced First Aid; Helideck Team Member; Basic Offshore Safety Induction and Emergency Training; Emergency Response Course; Helicopter Underwater Escape Training; Confined Space Entry; Further Offshore Emergency Training; Swing Rope Transfer
2	Charkins Maritime Safety Training Center	KM 4, East West Road, Ozoba, Port Harcourt	Basic Firefighting; Further Offshore Emergency Training; Advanced Firefighting; Travel Safely by Boat; Basic First Aid; Helicopter Landing Officer; Advanced First Aid; Helideck Team Member; Basic Offshore Safety Induction and Emergency Training; Well Control & Intervention; Helicopter Underwater Escape Training; Rigging & Slinging
3	Opeans Nigeria Limited	32 Jenny & Jessy Road, Off Peter Odili Road, Port Harcourt, Rivers State	Tropical Helicopter Underwater Escape Training; Breathing Apparatus Course; Tropical Basic Offshore Safety Induction and Emergency Training; Confined Space Entry; Basic Firefighting; Swing Rope/Basket Transfer; Basic First Aid; Advanced First Aid; Lifeguard/Offshore Rescue and Survival Techniques
		34 Opote Road, Off Okokutu Junction, Warri, Delta State	Helicopter Underwater Escape Training
4	Safety Center International Ltd	Opposite Port Harcourt Int'l Airport Hotel, Port Harcourt, Rivers State	Basic Firefighting; Basic First Aid; Advanced Firefighting; Breathing Apparatus Course; Confined Space Entry; Health & Safety in Welding
5	JC International Limited	Plot 5 JC Street, Off Peter Odili Road, Port Harcourt, Rivers State	Rope Access; Lifting Operations Course; Drilling & Well Intervention; Confined Space Entry
6	Falck Prime Atlantic Training Centre	KM 60, Off Old Lagos-Ibadan Road, Ipara, Ogun State	Basic Firefighting; Travel Safely by Boat; Advanced Firefighting; Travel Safely by Boat Further Training; Basic First Aid; Helicopter Landing Officer; Advanced First Aid - Helideck Assistant/Team Member; Helicopter Underwater Escape Training; Emergency Response Courses; Basic Offshore Safety Induction and Emergency Training; Rigging & Slinging; Further Offshore Emergency Training; Working at Heights; Confined Space Course (Entry/Exit & Search/Rescue); Breathing Apparatus Course
7	Blisston Nigeria Limited	Block B, Plot 7, Eleko Beach Road, Lekki, Lagos State	Basic Firefighting; Tropical Further Offshore Emergency Training; Advanced Firefighting; Helicopter Landing Officer; Helicopter Underwater Escape; Training Emergency Response Courses; Tropical Basic Offshore Safety Induction and Emergency Training; Swing Rope Transfer
8	Lym Consults	Km 10 Sapele-Warri Express Road, Otomewo Community, Near Warri, Delta State	Basic Offshore Safety Induction and Emergency Training; Basic Firefighting; Basic First Aid; Helicopter Underwater Escape Training (HUET); Survival at Sea (SAS)
9	Emergency Response Services Ltd	Off 394, Ilkwere Road, Rumuokwuta, Port Harcourt, Rivers State	Basic Life Support (BLS), Advanced Cardiovascular Life Support (ACLS), Pediatric Advanced Life Support (PALS), Basic Emergency Response Training (Medical), Rig Medic
10	Kaygrill Services 9Nig) Ltd	Eleme East-West Road Behind GVC Filling Station Okaken Aletu, Eleme, Rivers State	Advanced Fire Safety Training, Confined Space Entry Training, Emergency Response & rescue Training

* Please note that the list may be withdrawn, modified or updated without notice.



4.5 REVENUE PERFORMANCE

Table 84: Revenue Performance Summary

Year	Oil Royalty, N	Gas Royalty, N	Gas Flare Penalty, N	Concession Rentals, N	Misc Oil Revenue, N	Total Revenue
2010	694,352,412,710.14	0	2,388,572,351.20	728,308,923.82	951,380,744.23	698,420,674,729.39
2011	1,066,836,980,909.87	14,613,812,392.68	3,482,627,975.15	388,502,293.27	2,077,222,926.87	1,087,399,146,497.84
2012	1,052,043,067,383.93	22,242,285,752.85	3,849,873,091.61	444,535,531.69	1,370,171,171.68	1,079,949,932,931.76
2013	960,540,365,106.84	23,235,123,088.28	3,120,786,665.13	178,630,934.47	3,981,983,109.64	991,056,888,904.36
2014	986,343,364,217.80	21,110,923,948.24	2,930,215,304.51	413,496,723.26	5,983,027,290.84	1,016,781,027,484.65
2015	545,061,446,369.23	22,292,228,906.41	2,590,365,296.82	201,275,922.56	17,489,298,348.58	587,634,614,843.60
2016	437,356,879,889.83	16,298,590,492.52	2,333,879,050.11	342,495,121.25	6,408,509,381.58	462,740,353,935.29
2017	704,431,333,766.93	33,173,790,789.60	2,779,377,359.95	356,894,436.55	6,357,674,731.33	747,099,071,084.37
Total	6,446,965,850,354.57	152,966,755,370.58	23,475,697,094.48	3,054,139,886.87	44,619,267,704.75	6,671,081,710,411.26



5.0 GLOSSARY OF TERMS

AG	-	Associated Gas
AGO	-	Automated Gas Oil
AR2	-	African Regional Line
ATC	-	Approval to Construct
BPSD	-	Barrel per Stream Day
CB	-	Carbon Black
DGSO	-	Domestic Gas Supply Obligation
DPK	-	Dual Purpose Kerosene
DPR	-	Department of Petroleum Resources
EGP	-	Escravos Gas Plant
EOR	-	Enhanced Oil Recovery
FCT	-	Federal Capital Territory
FPSO	-	Floating Production Storage and Offloading
IDSL	-	Integrated Data Services Limited
IO	-	Indigenous Operator
IOC	-	International Oil Company
JV	-	Joint Venture
KM	-	Kilometer
KRPC	-	Kaduna Refinery & Petrochemical Company
LAB	-	Linear Alkyl Benzene
LLDPE	-	Linear Low Density Polyethylene
MF	-	Marginal Field
MMbbls	-	Million barrels
MMSCFD-	-	Million Standard Cubic Feet per Day
MT	-	Metric Tonnes
NAG	-	Non-Associated Gas
NAOC	-	Nigerian Agip Oil Company
NAPIMS	-	National Petroleum Investment Management Services
NDPR	-	Niger Delta Petroleum Resources
NDRC	-	Niger Delta Regional Data Compilation
NGC	-	Nigerian Gas Company



NGL	-	Natural Gas Liquid
NNPC	-	Nigerian National Petroleum Corporation
NPDC	-	Nigerian Petroleum Development Company
OBLG	-	Obligation
OML	-	Oil Mining Lease
OPEC	-	Organization of the Petroleum Exporting Countries
OPL	-	Oil Prospecting License
PE	-	Polyethylene
PERF	-	Performance
PHRC	-	Port Harcourt Refining Company
PMS	-	Petroleum Motor Spirit
PP	-	Polypropylene
PPHP	-	Polypropylene Homo-Polymer
PPMC	-	Petroleum Product Marketing Company, a subsidiary of NNPC
PPT	-	Petroleum Profit Tax
PRF	-	Propylene-Rich Feed
PSC	-	Production Sharing Contract
SC	-	Service Contract
SPDC	-	Shell Petroleum Development Company
SQ KM	-	Square Kilometer
SR	-	Sole Risk
TA	-	Technology Adaptation
TCF	-	Trillion Cubic Feet
TQ	-	Technology Qualification
WRPC	-	Warri Refining & Petrochemical Company

The data and information published in this report are subject to ongoing review by DPR based on continuous reconciliation with various stakeholders. Therefore, reliance on data contained herein should be based on final confirmation by DPR.

