



Department of Petroleum Resources



Department of Petroleum Resources

2016 OIL & GAS ANNUAL REPORT

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1 REMARKS FROM DIRECTOR OF PETROLEUM RESOURCES

The global crude oil market has been relatively stable in the last few months but going by past experience, the stability is not expected to be a permanent fixture. The Nigerian petroleum sector has been especially affected by the disruption occasioned by the 2014 price crash. This is due mainly to the mistaken assumption that the pre-2014 bullish market could hold much longer as the world seemed to be in the threshold of post peak-oil era. Novel technology especially on extraction of shale oil opened the fresh vistas for unconventional oil with significant destabilizing effects on conventional producers like Nigeria.

Two major lessons are discernible from the surge in oil production from the unconventional sources. First, although it is impossible to exactly forecast how technology would impact producibility of the remaining global oil reserves, we are bound to witness more technological surprises in the near future that would lead to the coming onstream of hitherto discovered but unproducible reserves. Technology would also help to find and produce new reserves from tough environments. The future of oil will therefore continually be influenced by access to new reserves made possible by technological innovation. Second and important lesson is that renewable energy will increasingly play bigger roles in the future global energy mix. The environmental issues, often showcased by the polar bear on a melting Arctic ice, will not go away. The depleting Arctic ice and concerns on the ozone layer will continue to put the green energy agenda in the front burner of global energy politics challenging the dominance of oil in the energy market.

The new oil from unconventional frontiers and the rising profile of green energy are posing considerable challenges and opportunities for Nigeria. More noticeably, increased access to unconventional oil reserves in the shale sector and the lifting of the self-imposed US oil export embargo have significantly shrunk demands for Nigerian oil in the United States, a former prime destination for Bonny Light and other Nigerian crude blends. The US has since changed from being a major market to a being major competitor for markets across the globe. Nigeria like other conventional oil producers around the world is also grappling with the growing competition for market space from the renewable energy sector.

Those market challenges also have ingrained in them new vistas of opportunities on oil and gas activities in Nigeria. Particularly, the unfolding realities are dictating the need for more institutional and operational efficiency to effectively compete in the shrinking market place and for new investment opportunities to explore and develop new prospects. To this end the Senate has recently passed the Petroleum Industry Governance Bill (PIGB) and is now awaiting passage in the House of Representatives. Speedy promulgation of this law and the pending bills, including on fiscal governance of the industry would situate the Nigerian oil and gas sector on better pedestal to compete in the increasingly complex global energy terrain.

The Nigerian oil and gas sector is also renewing efforts to improve on efficiency to reduce production costs across terrain. The industry has already established an impressive fabrication and integration infrastructure in-country on the back of Egina, on which future deep water projects could latch to reduce cost. The Value Monitoring and Benchmarking (VMB) of Oil and Gas Projects and Operations in Nigeria is an initiative by the Department of Petroleum Resources (DPR) that is aimed at strategically aligning technical and economic equations that govern industry businesses and activities in line with extant laws. It introduces unique cost coding indicators for empirical analysis of oil and gas projects and operations, launching an industry that exude operational excellence and performance efficiencies with higher degree of costs predictability. The overall effect of this will be the shrinking of the uncertainties usually associated with project costs in the industry, which will cause a revisit to previously suspended projects.

Furthermore, the Department of Petroleum Resources, in a drive to improve regulatory efficiency across the value-chain, has embarked on implementation of strategic programs, such as the automation of all business processes and comprehensive upgrade of its standard operating procedures to deliver prompt and quality service to the industry.

This annual activity report on the Nigerian Oil and Gas Industry is the 4th Edition since the initiative resumed in 2013. It aims to provide critical information to the public on the activities of the industry in the year under review. I recommend it to our numerous stakeholders.

M. D. B. Ladan

4.0 STATISTICAL DATA

4.1 UPSTREAM

4.1.1 Concessions

Table 1 : Oil Mining Lease

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OML29	Joint Venture (JV)	983		Niger Delta - Onshore	AITEO E&P CO	1/7/1989	30-06-2019
OML120	Sole Risk (SR)	910		Niger Delta - Deep Offshore	ALLIED ENERGY RESOURCES NIGERIA LTD	27-02-2001	26-02-2021
OML121	Sole Risk (SR)	885		Niger Delta - Deep Offshore	ALLIED ENERGY RESOURCES NIGERIA LTD	27-02-2001	26-02-2021
OML112	Sole Risk (SR)	438		Niger Delta - Continental Shelf	AMNI INTERNATIONAL DEVELOPMENT CO.	12/2/1998	12/2/2018
OML117	Sole Risk (SR)	51		Niger Delta - Continental Shelf	AMNI INTERNATIONAL DEVELOPMENT CO.		

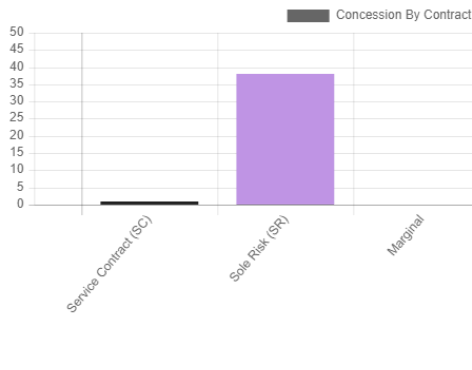
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Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator		
OML52	Joint Venture (JV)	247		Niger Delta - Onshore	AMNI INTERNATIONAL DEVELOPMENT CO.		
OML109	Sole Risk (SR)	772		Niger Delta - Continental Shelf	ATLAS PETROLEUM INTERNATIONAL LTD		
OML55	Joint Venture (JV)	849		Niger Delta - Onshore	BELEMA		
OML110	Sole Risk (SR)	966		Niger Delta - Continental Shelf	CAVENDISH PETROLEUM NIGERIA LIMITED		
OML49	Joint Venture (JV)	1707		Niger Delta - Onshore	CHEVRON NIGERIA LTD.		
OML51	Joint Venture (JV)	145		Niger Delta - Onshore	CHEVRON NIGERIA LTD.		
OML89	Joint Venture (JV)	364		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.		
OML91	Joint Venture (JV)	157		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.		
OML86	Joint Venture (JV)	385		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.		
OML88	Joint Venture (JV)	773		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.		
OML90	Joint Venture (JV)	653		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.		
OML95	Joint Venture (JV)	1217		Niger Delta - Continental Shelf	CHEVRON NIGERIA LTD.		
OML132	Production Sharing Contract (PSC)	804		Niger Delta - Deep Offshore	CHEVRON NIGERIA LTD.		
OML131	Production Sharing Contract (PSC)	1210		Niger Delta - Deep Offshore	OANDO PLC	24-04-2005	23-04-2025
OML103	Sole Risk (SR)	914		Niger Delta - Onshore	CONOIL PRODUCING LTD	2/6/1993	1/6/2013
OML136	Sole Risk (SR)	1295		Niger Delta - Continental Shelf	CONOIL PRODUCING LTD	27-07-2006	26-07- 2026
OML59	Sole Risk (SR)	836		Niger Delta - Onshore	CONTINENTAL OIL AND GAS LTD.	6/6/1998	5/6/2018
OML149	Production Sharing Contract (PSC)	428		Niger Delta - Onshore	CONTINENTAL OIL AND GAS LTD.	10/3/2016	9/3/2036
N/A	Sole Risk (SR)	221		Niger Delta - Onshore	DUBRI OIL COMPANY	2/5/2013	1/5/2033
	Production Sharing Contract (PSC)	656		Niger Delta - Deep Offshore	TOTAL E&P	17-05-2007	16-05-2017
OML139	Production Sharing Contract (PSC)	656		Niger Delta - Deep Offshore	TOTAL E&P	17-05-2007	16-05-2017
OML99	Joint Venture (JV)	171		Niger Delta - Continental Shelf	TOTAL E&P	2/5/2013	1/5/2033
OML100	Joint Venture (JV)	179		Niger Delta - Continental Shelf	TOTAL E&P	2/5/2013	1/5/2033
OML102	Joint Venture (JV)	796		Niger Delta - Continental Shelf	TOTAL E&P	2/5/2013	1/5/2033
OML58	Joint Venture (JV)	518		Niger Delta - Onshore	TOTAL E&P	14-06-2007	13-06-2027
	Sole Risk (SR)	1295		Niger Delta - Onshore	EMERALD ENERGY RESOURCES LIMITED	8/11/2007	7/8/2027
OML148	Production Sharing Contract (PSC)	870		Niger Delta - Onshore	ENAGEED RESOURCES LIMITED	15-05-2015	14-05-2035
OML18	Joint Venture (JV)	1035		Niger Delta - Onshore	EROTON E&P CO	1/7/2009	30-06-2019
OML133	Production Sharing Contract (PSC)	1100		Niger Delta - Deep Offshore	ESSO EXPLORATION	8/2/2006	7/2/2026
OML145	Production Sharing Contract (PSC)	1293		Niger Delta - Deep Offshore	ESSO EXPLORATION	30-05-2014	29-05-2034
	Sole Risk (SR)	759		Niger Delta - Continental Shelf	EXPRESS PET AND GAS CO LTD	1/11/1995	31-10-2015
OML83	Joint Venture (JV)	109		Niger Delta - Continental Shelf	FIRST ARIES PETROLEUM LTD.	18-08-2014	17-08-2034
OML85	Joint Venture (JV)	515		Niger Delta - Continental Shelf	FIRST ARIES PETROLEUM LTD.	18-08-2014	17-08-2034
OML71	Joint Venture (JV)	730		Niger Delta - Continental Shelf	WAEP/ Dangote	18-12-2014	17-12-2034
OML72	Joint Venture (JV)	1129		Niger Delta - Continental Shelf	WAEP/ Dangote	18-12-2014	17-12-2034
OML149	Production Sharing Contract (PSC)	941		Niger Delta - Onshore	GLOBAL ENERGY COMPANY LIMITED	5/2/2015	4/2/2035
OML149	Production Sharing Contract (PSC)	171		Niger Delta - Continental Shelf	GLOBAL ENERGY COMPANY LIMITED	10/3/2016	9/3/2036
OML127	Sole Risk (SR)	1281		Niger Delta - Deep Offshore	STAR DEEPWATER	25-11-2004	24-11-2024
OML104	Joint Venture (JV)	675		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	14-01-1998	13-01-2018
OML67	Joint Venture (JV)	119		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	11/3/2011	10/3/2031
OML68	Joint Venture (JV)	119		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	11/3/2011	10/3/2031
OML70	Joint Venture (JV)	1250		Niger Delta - Continental Shelf	MOBIL PRODUCING NIGERIA UNLTD	11/3/2011	10/3/2031
OML114	Sole Risk (SR)	464		Niger Delta - Continental Shelf	MONI PULO LTD	3/1/1999	02-01-2019
OML24	Joint Venture (JV)	162		Niger Delta - Onshore	NEWCROSS E&P CO	1/7/2009	30-06-2019
OML149	Production Sharing Contract (PSC)	990		Niger Delta - Onshore	NEWCROSS E&P CO	14-03-2017	13-03-2037
	Production Sharing Contract (PSC)	1131		Niger Delta - Deep Offshore	NIGERIAN AGIP ENERGY (NAE)	31-05-2006	30-05-2026
OML125	Production Sharing Contract (PSC)	1219		Niger Delta - Deep Offshore	NIGERIAN AGIP ENERGY (NAE)	2/1/2003	1/1/2023
OML60	Sole Risk (SR)	358		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML61	Sole Risk (SR)	1500		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML62	Sole Risk (SR)	1211		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML63	Sole Risk (SR)	2246		Niger Delta - Onshore	NIGERIAN AGIP OIL COMPANY	14-06-1997	13-06-2027
OML16	Service Contract (SC)	360		Niger Delta - Continental Shelf	AGIP ENERGY & NATURAL RESOURCES (AENR)	6/8/1979	5/8/2019
OML126	Production Sharing Contract (PSC)	705		Niger Delta - Continental Shelf	ADDAX EXPLORATION	25-11-2004	24-11-2024
OML137	Production Sharing Contract (PSC)	849		Niger Delta - Continental Shelf	ADDAX EXPLORATION	23-04-2007	22-04-2027
OML123	Production Sharing Contract (PSC)	401		Niger Delta - Continental Shelf	ADDAX EXPLORATION	14-08-2002	13-04-2022
OML124	Production Sharing Contract (PSC)	300		Niger Delta - Onshore	ADDAX EXPLORATION	14-08-2002	13-04-2022
OML40	Sole Risk (SR)	498		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML42	Sole Risk (SR)	814		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML26	Sole Risk (SR)	165		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML34	Sole Risk (SR)	950		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	1/7/1989	30-06-2019
OML119	Sole Risk (SR)	715		Niger Delta - Continental Shelf	NIGERIA PET. DEV. CO. (NPDC)	31-10-2000	30-10-2020
OML111	Sole Risk (SR)	461		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	6/18/1905	7/8/1905
OML64	Sole Risk (SR)	278		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	-09-1989	1/9/1900
OML65	Sole Risk (SR)	1019		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	-09-1989	1/9/1900
OML66	Sole Risk (SR)	204		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	7/9/1989	6/9/2019
OML13	Sole Risk (SR)	1988		Niger Delta - Onshore	NIGERIA PET. DEV. CO. (NPDC)	20-12-2016	19-12-2036
OML30	Joint Venture (JV)	1097		Niger Delta - Onshore	NPDC/ SHORELINE NATURAL RESOURCES	1/7/1989	30-06-2019
OML14	Sole Risk (SR)	1220		Niger Delta - Deep Offshore	OIL AND GAS NIGERIA LIMITED	18-07-07	17-07-2027
OML115	Sole Risk (SR)	310		Niger Delta - Continental Shelf	ORIENTAL ENERGY RESOURCES	20-5-1999	19-5-2019
OML98	Joint Venture (JV)	523		Niger Delta - Onshore	PANOCEAN OIL CORPORATION NIG	-06-1976	7/7/2018
OML145	Production Sharing Contract (PSC)	544		Niger Delta - Onshore	PANOCEAN OIL CORPORATION NIG	23-10-2014	22-10-2034
OML122	Sole Risk (SR)	1295		Niger Delta - Continental Shelf	PEAK PETROLEUM INDUSTRIES NIGERIA LIMITED	17-05-2001	16-05-2021
OML4	Sole Risk (SR)	267		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.		



Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator		
OML38	Sole Risk (SR)	2152		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.		
OML41	Sole Risk (SR)	291		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.		
OML53	Joint Venture (JV)	1562		Niger Delta - Onshore	SEPLAT PRODUCTION AND DEV. CO.		
OML11	Joint Venture (JV)	3097		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML17	Joint Venture (JV)	1301		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML20	Joint Venture (JV)	405		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML21	Joint Venture (JV)	372		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML22	Joint Venture (JV)	722		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML23	Joint Venture (JV)	483		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML25	Joint Venture (JV)	429		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML27	Joint Venture (JV)	165		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML28	Joint Venture (JV)	936		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML31	Joint Venture (JV)	1097		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.		
OML32	Joint Venture (JV)	565		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML33	Joint Venture (JV)	336		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML35	Joint Venture (JV)	1144		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML36	Joint Venture (JV)	338		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML43	Joint Venture (JV)	767		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML45	Joint Venture (JV)	76		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML46	Joint Venture (JV)	1080		Niger Delta - Onshore	SHELL PETROLEUM DEVELOPMENT CO.	1/7/1989	30-06-2019
OML74	Joint Venture (JV)	1324		Niger Delta - Continental Shelf	SHELL PETROLEUM DEVELOPMENT CO.	18-12-2014	17-12-2034
OML77	Joint Venture (JV)	962		Niger Delta - Continental Shelf	SHELL PETROLEUM DEVELOPMENT CO.	18-12-2014	17-12-2034
OML79	Joint Venture (JV)	970		Niger Delta - Continental Shelf	SHELL PETROLEUM DEVELOPMENT CO.	18-12-2014	17-12-2034
OML118	Production Sharing Contract (PSC)	1167		Niger Delta - Deep Offshore	SHELL NIG. E&P CO. (SNEPCO)	28-11-2005	27-11-2025
OML135	Production Sharing Contract (PSC)	926		Niger Delta - Deep Offshore	SHELL NIG. E&P CO. (SNEPCO)	3/7/2006	2/7/2026
OML130	Sole Risk (SR)	1295		Niger Delta - Deep Offshore	SOUTH ATLANTIC PETROLEUM LIMITED	25-04-2005	24-04-2025
OML127	Production Sharing Contract (PSC)	1198		Niger Delta - Deep Offshore	STAT OIL	28-12-2004	27-12-2024
OML129	Production Sharing Contract (PSC)	1023		Niger Delta - Deep Offshore	STAT OIL	28-12-2004	27-12-2024
OML142	Sole Risk (SR)	1295		Anambra Basin - Onshore	SUMMIT OIL INTERNATIONAL	12/6/2009	11/6/2029
OML144	Sole Risk (SR)	96		Niger Delta - Continental Shelf	SUNLINK PETROLEUM	2/5/2013	1/5/2033
OML145	Production Sharing Contract (PSC)	29		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD (SEEPKO)	25-10-2014	24-10-2034
OML143	Production Sharing Contract (PSC)	369		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD (SEEPKO)	29-12-2010	28-12-2030
OML113	Sole Risk (SR)	1670		Benin Basin - Continental Shelf	YINKA FOLAWIYO PET CO LTD	1/6/1998	31-05-2018

Distribution of Nigerian OML by Contract Type



Distribution of Nigerian Concessions by Terrain

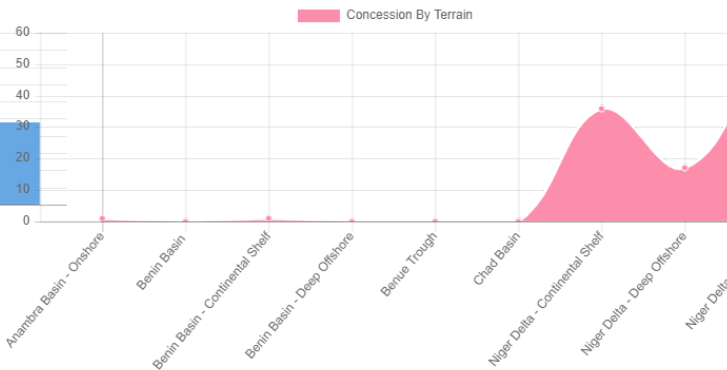
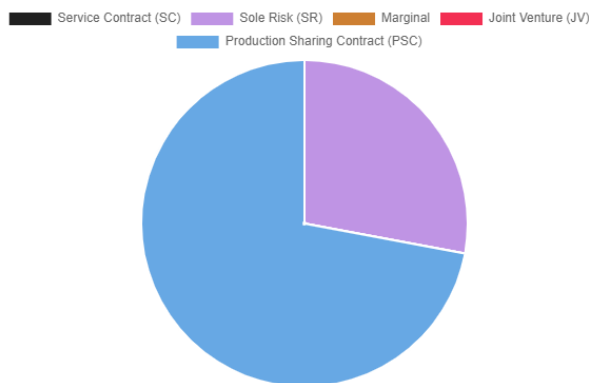


Table 2: Oil Prospective License

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Expiration
OPL907	Production Sharing Contract (PSC)	2498		Anambra Basin - Onshore	AFREN GLOBAL ENERGY RESOURCES LIMITED	6/27/1905	19-02-2018
OPL917	Production Sharing Contract (PSC)	1710		Anambra Basin - Onshore	AFREN GLOBAL ENERGY RESOURCES LIMITED	6/27/1905	19-02-2018
OPL452	Sole Risk (SR)	522		Niger Delta - Onshore	AMALGAMATED OIL CO. LTD.	6/14/1905	24-05-2016
OPL325	Production Sharing Contract (PSC)	1265		Benin Basin - Deep Offshore	ASHBERT OIL & GAS LTD.NPDC/TRAIN-COSY ENERGY	6/27/1905	
OPL286	Production Sharing Contract (PSC)	804		Niger Delta - Deep Offshore	SAHAHRA.BG EXP. NIC LTD.	6/28/1905	7/3/2017
OPL240	Production Sharing Contract (PSC)	48		Niger Delta - Continental Shelf	BOC JNHP CONSORTIUM	6/29/1905	
OPL471	Production Sharing Contract (PSC)	1370		Niger Delta - Continental Shelf	CHINA NATIONAL OIL DEV. CO (CNODC)	6/28/1905	22-04-21017
OPL257	Production Sharing Contract (PSC)	426		Niger Delta - Deep Offshore	CONOIL PRODUCING LTD	6/27/1905	8/2/2016
OPL289	Production Sharing Contract (PSC)	386		Niger Delta - Continental Shelf	CLEANWATERS CONSORTIUM	6/28/1905	22-04-2012
OPL290	Production Sharing Contract (PSC)	531		Niger Delta - Continental Shelf	CONOIL PRODUCING LTD	6/29/1905	16-10-2013
OPL305	Sole Risk (SR)	1558		Benin Basin	CROWNWELL PETROLEUM LTD	6/15/1905	18-05-20202
OPL306	Sole Risk (SR)	1889		Benin Basin	CROWNWELL PETROLEUM LTD	6/15/1905	18-05-2020
OPL322	Sole Risk (SR)	1789		Niger Delta - Deep Offshore	DAJO OIL LIMITED	30-03-2004	26-02-2019
OPL204	Sole Risk (SR)	1670		Niger Delta - Onshore	AFRICOIL & MARKETING CO. LTD.	10/8/1993	8/7/2010
OPL251	Production Sharing Contract (PSC)	940		Niger Delta - Deep Offshore	DSV	16-12-2012	
OPL221	Production Sharing Contract (PSC)	2286		Niger Delta - Deep Offshore	TOTAL E&P	19-11-2003	18-11-2013
OPL227	Sole Risk (SR)	974		Niger Delta - Continental Shelf	EXPRESS PET AND GAS CO LTD	6/22/1905	2/12/2018
OPL226	Production Sharing Contract (PSC)	1257		Niger Delta - Continental Shelf	ESSAR E&P LIMITED	18-05-2007	9/3/2015

Concession	Contract Type	Area (Sq.km)	Equity Distribution	Basin/Terrain	Operator	Date Of Grant	License Ex
OPL233	Production Sharing Contract (PSC)	920		Niger Delta - Deep Offshore	ESSO EXPLORATION	19-07-2005	18-07-2015
OPL235	Sole Risk (SR)	1480		Niger Delta - Onshore	FIRST ARIES PETROLEUM LTD.	10/8/1993	
OPL905	Production Sharing Contract (PSC)	2600		Benin Basin - Deep Offshore	GAS TRANSMISSION & POWER LIMITED	23-04-2007	22-04-2017
OPL2010	Production Sharing Contract (PSC)	179		Niger Delta - Continental Shelf	GLOBAL ENERGY COMPANY LIMITED	18-05-2007	29-12-2015
OPL2012	Production Sharing Contract (PSC)	849		Niger Delta - Continental Shelf	GRASSO NIG. LTD..SIGMUND OIL FIELDS LTD.	16-06-2012	17-06-2019
OPL247	Sole Risk (SR)	1165		Niger Delta - Deep Offshore	HERITAGE OIL & GAS CO. LTD.	1/3/1900	5/4/2019
OPL252	Production Sharing Contract (PSC)	814		Niger Delta - Deep Offshore	INC NATURAL RESOURCES	6/28/1905	
OPL292	Production Sharing Contract (PSC)	1195		Niger Delta - Deep Offshore	INC NATURAL RESOURCES	6/28/1905	
OPL234	Production Sharing Contract (PSC)	1214		Niger Delta - Onshore	MONI PULO LTD	6/29/1905	15-12-2013
OPL239	Production Sharing Contract (PSC)	65		Niger Delta - Continental Shelf	MONI PULO LTD	6/29/1905	15-12-2013
OPL231	Production Sharing Contract (PSC)	244		Niger Delta - Onshore	MONI PULO LTD	6/29/1905	16-05-2016
OPL276	Production Sharing Contract (PSC)	472		Niger Delta - Onshore	NEWCROSS E&P CO	16-02-2006	20-01-2017
OPL733	Production Sharing Contract (PSC)	2611		Chad Basin	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL809	Production Sharing Contract (PSC)	2581		Benue Trough	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL810	Production Sharing Contract (PSC)	2584		Benue Trough	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL722	Production Sharing Contract (PSC)	2540		Chad Basin	NEW NIGERIA DEVELOPMENT COMPANY LIMITED	6/27/1905	7/8/2016
OPL244	Production Sharing Contract (PSC)	1700		Niger Delta - Deep Offshore	NIGERIA AGIP EXPL. LTD (NAE).SHELL NIG.ULTRA DEEP LTD.	6/22/1905	19-12-2011
OPL282	Production Sharing Contract (PSC)	695		Niger Delta - Continental Shelf	NIGERIAN AGIP OIL COMPANY	6/27/1905	7/9/2015
OPL291	Production Sharing Contract (PSC)	1287		Niger Delta - Deep Offshore	STARCREST LIMITED	6/28/1905	15-10-2016
OPL702	Sole Risk (SR)	2574		Chad Basin	NNPC.FES	5/20/1905	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990
OPL703	Sole Risk (SR)	2772		Chad Basin	NNPC.FES	5/20/1905	
OPL705	Sole Risk (SR)	2547		Chad Basin	NNPC.FES	5/20/1905	
OPL707	Sole Risk (SR)	2582		Chad Basin	NNPC.FES	5/20/1905	
OPL242	Production Sharing Contract (PSC)	1789		Niger Delta - Deep Offshore	NIGERIA PET. DEV. CO. (NPDC)	7/3/2011	
OPL233	Production Sharing Contract (PSC)	126		Niger Delta - Continental Shelf	NIGER DELTA PET. RESOURCES LTD	6/28/1905	29-06-2016
OPL215	Sole Risk (SR)	2586		Niger Delta - Deep Offshore	NOREAST PET. NIG. LTD.	21-10-1991	20-04-2020
OPL325	Sole Risk (SR)	1652		Niger Delta - Deep Offshore	NOREAST PET. NIG. LTD.	13-05-1999	
OPL236	Production Sharing Contract (PSC)	1652		Niger Delta - Onshore	OANDO PLC	6/27/1905	7/9/2011
OPL278	Production Sharing Contract (PSC)	92		Niger Delta - Onshore	OANDO PLC	6/27/1905	7/9/2015
OPL241	Production Sharing Contract (PSC)	1257		Niger Delta - Deep Offshore	OILWORLD LIMITED	6/29/1905	9/3/2020
OPL285	Production Sharing Contract (PSC)	1167		Niger Delta - Deep Offshore	EMO E&P.TOTAL E&P LTD	6/28/1905	22-02-2017
OPL279	Production Sharing Contract (PSC)	1103		Niger Delta - Deep Offshore	EMO E&P.TOTAL E&P LTD	6/28/1905	22-02-2017
OPL297	Production Sharing Contract (PSC)	1290		Niger Delta - Deep Offshore	ONGC - MITTAL ENERGY NIGERIA LTD (OMEL)	6/28/1905	
OPL310	Sole Risk (SR)	1935		Benin Basin - Deep Offshore	OPTIMUM PETROLEUM DEVELOPMENT LIMITED	6/14/1905	9/6/2018
OPL915	Sole Risk (SR)	1195		Anambra Basin - Onshore	ORIENTAL PET. REFINERY LTD.	31-01-2005	29-01-2015
OPL916	Sole Risk (SR)	963		Anambra Basin - Onshore	ORIENTAL PET. REFINERY LTD.		
	Production Sharing Contract (PSC)	1789		Benin Basin - Deep Offshore	ORANTO PETROLEUM LTD.	6/24/1905	16-07-2021
	Production Sharing Contract (PSC)	1023		Niger Delta - Deep Offshore	ORANTO PETROLEUM LTD.	7/7/1905	
OPL284	Production Sharing Contract (PSC)	1131		Niger Delta - Deep Offshore	SAHARA ENERGY E&P	17-07-2006	6/7/2017
OPL228	Production Sharing Contract (PSC)	1915		Niger Delta - Onshore	SAHARA ENERGY E&P	11/5/2007	
OPL245	Sole Risk (SR)	1958		Niger Delta - Deep Offshore	NIGERIA AGIP EXPL. LTD (NAE).SHELL NIG.ULTRA DEEP LTD.	22-12-2003	10/5/2021
OPL206	Sole Risk (SR)	2020		Anambra Basin - Onshore	SUMMIT OIL INTERNATIONAL	6/12/1905	19-01-2014
OPL2005	Production Sharing Contract (PSC)	662		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD	6/29/1905	29-04-2019
OPL2006	Production Sharing Contract (PSC)	662		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD	6/29/1905	29-04-2019
	Production Sharing Contract (PSC)	103		Niger Delta - Onshore	STERLING OIL EXP&ENERGY PROD. CO. LTD	7/8/1905	
OPL2008	Production Sharing Contract (PSC)	41		Niger Delta - Continental Shelf	TENOIL PET. & ENERGY SERVICES LTD.CLAYFORD	6/29/1905	25-05-2016
OPL281	Production Sharing Contract (PSC)	122		Niger Delta - Onshore	TRANSNATIONAL CORPORATION	6/28/1905	1/5/1900
OPL257	Production Sharing Contract (PSC)	234		Niger Delta - Deep Offshore	WAEP/ Dangote	6/29/1905	
OPL292	Production Sharing Contract (PSC)	1218		Niger Delta - Deep Offshore	WAEP/ Dangote	6/29/1905	
OPL248	Production Sharing Contract (PSC)	2448		Niger Delta - Deep Offshore	ZEBBRA ENERGY LIMITED	6/21/1905	1/6/1900

Distribution of Nigerian OPL by Lease Contract Type



Distribution of Nigerian OPL by Geological Terrain

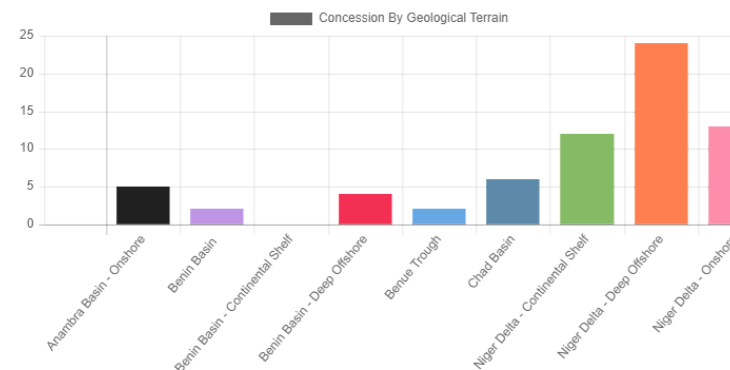


Table 3: Summary of Acreage Situation As At 31 December 2016

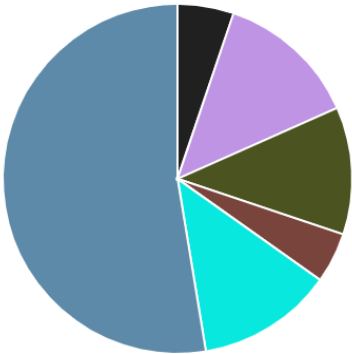
Basin	No of OPL Blocks Allocated	No of OML Blocks Allocated	No Of Open Blocks	Total No Of Blocks
Anambra	6	1	12	Chat AJEBOTA

Basin	No of OPL Blocks Allocated	No of OML Blocks Allocated	No Of Open Blocks
Benin	9	3	36
Benue	2	0	41
Bida	0	0	17
Chad	6	0	40
Niger Delta	53	105	34
TOTAL	76	109	180



Summary of Acreage Situation

Anambra Benin Benue Bida Chad Niger Delta



Summary of Acreage Situation

4.1.2 Marginal Fields

Table 4: Marginal Fields

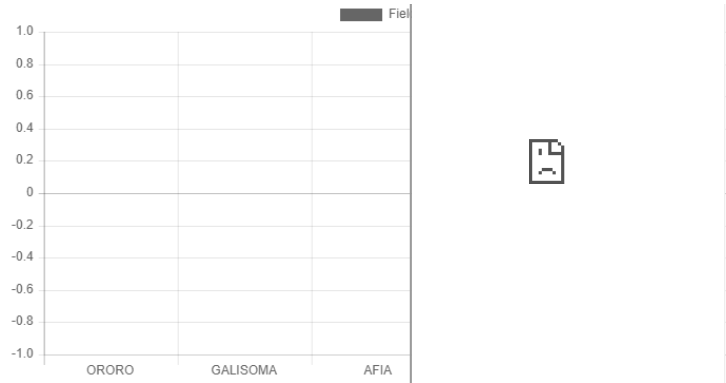
Field Name	Company Name	Block
OGBELLE	NIGER DELTA PET. RESOURCES LTD	OML54
IDU	NIGER DELTA PET. RESOURCES LTD	OML53
AKPO	PRIME EXPLORATION	OML11
IBOT	ORIENTAL ENERGY RESOURCES	OML67
ATRIA	ORIENTAL ENERGY RESOURCES	OML67
STUBB-CREEK	UNIVERSAL ENERGY	OML13/14
DAWES-ISLAND	EURAFRIC ENERGY LIMITED	OML54
UMUSETI	PILLAR OIL LTD	OML56
ALA	BAYELSA OIL COMPANY LTD	OML46
BENIBOYE SOUTH	MOVIDO E&P LIMITED	OML88
GALISOMA	BICTA ENERGY & MANAGEMENT SYSTEMS LIMITED	OML90
ORORO	GUARANTEE PETROLEUM LIMITED (OPERATOR)	OML95
AZUZUAMA	PLATFORM PETROLEUM	OML38
AMQJIE	SOGENAL LIMITED	OML56
AGBAMI	SOGENAL LIMITED	OML90
ISONSI	MILLENIUM OIL AND GAS LIMITED	OML11
AFIA	YINKA FOLAWIYO PET CO LTD	OML90
IYEDE	NETWORK E&P NIGERIA	OML13
DIBI	WALTERSMITH PETROMAN OIL LIMITED	OML16
UMUSADEGE	MIDWESTER OIL AND GAS CO. LTD./Suntrust Oil Company Limited	OML56
EWOLIGBI	INDEPENDENT ENERGY LIMITED	OML30
KE	DEL SIGMA	OML55
AMENAM - Kpono	ASSOCIATED OIL AND GAS LIMITED (OPERATOR)	OML14
KRAKAMA	FRONTEIR OIL LTD.	OML13
EBENDO/OBODETI	ENERGIA LTD.	OML56
IKIKE	GOLAND PETROLEUM DEV. CO. LIMITED	OML88
BONGA-NORTH	EXCEL EXPLORATION & PRODUCTION LIMITED	OML46
KD	SAHARA ENERGY LIMITED (OPERATOR)	OML40
INYI CREEK	GREEN ENERGY INTERNATIONAL LIMITED	OML11
KIFI	ALL GRACE ENERGY LIMITED	OML17

Marginal Field

Marginal Field

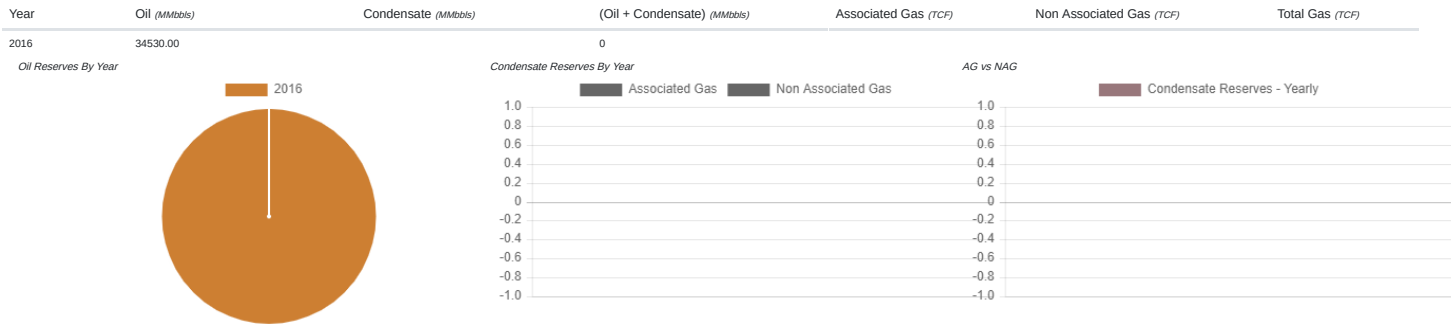
11 12

ORORO GALISOMA AFIA AGBAMI BENIBOYE SOUTH



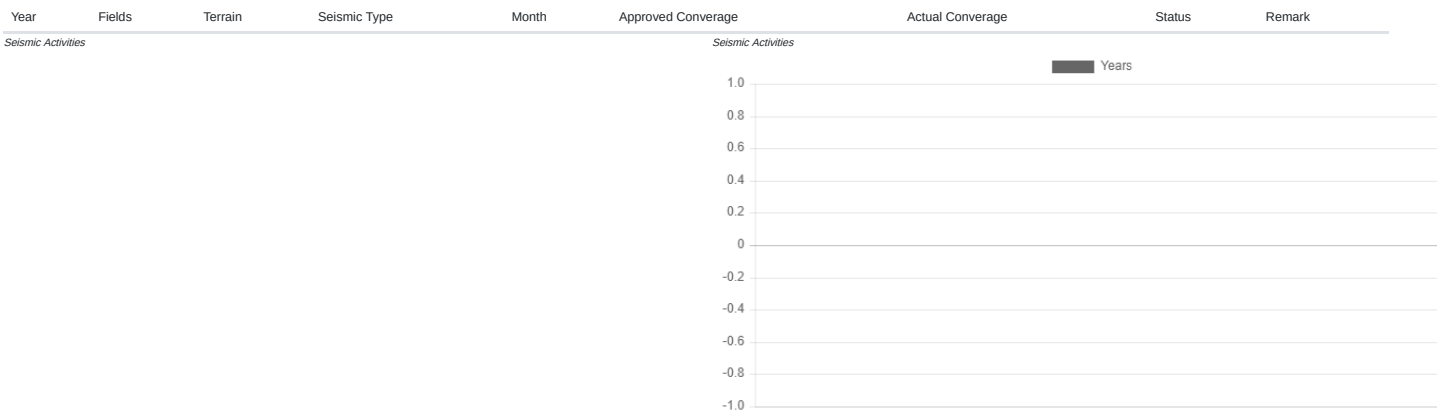
4.1.3 RESERVES

Table 5: Oil and Gas Reserves as at December 2016



4.1.4 Exploration

Table 6 Seismic Data Acquisition



4.1.5 Rig Activities

Table 7: Active Rig By Terrain

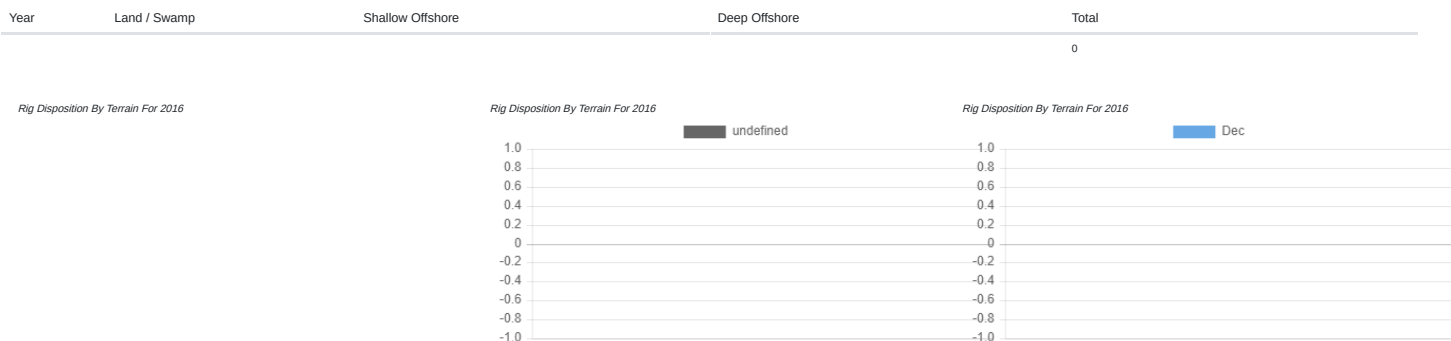


Table 8: Rig Disposition By Terrain From January To December 2016

Terrain	January	February	March	April	May	June	July	August	September
Total	0	0	0	0	0	0	0	0	0



4.1.6 Drilling And Well Completion

Table 9.0 Onshore Well Activities For 2016

Year	Class	Type	JC	SR	SC	PSC	MF
------	-------	------	----	----	----	-----	----

Table 9.0 Shallow OffShore Well Activities For 2016

Class	Type	JC	SR	SC	PSC	MF
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Table 9.0 Deep OffShore Well Activities For 2016

Class	Type	JC	SR	SC	PSC	MF
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Table 9 Number Of Wells Drilled By Terrain

Year	Land / Swamp	Shallow Offshore	Deep Offshore	Total
2007	0	0	0	0
2008	0	0	0	0
2009	0	0	0	0
2010	0	0	0	0
2011	0	0	0	0
2012	0	0	0	0
2013	0	0	0	0
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0

Table 10: Wells Drilled By Contract and Class In 2016

Contract	Exploratory	Appraisal(1st & 2nd)	Ordinary Appraisal	Development	Total
SC	0	0	0	0	0
SR	0	0	0	0	0
MF	0	0	0	0	0
JV	0	0	0	0	0
PSC	0	0	0	0	0
Total	0	0	0	0	0

Table 11: Number Of Wells Drilled By Class

Year	Exploratory	Appraisal(1st & 2nd)	Ordinary Appraisal	Development	Total
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0

Well Activities by Class and Contract



Number of Wells drilled By Year From 2007 To 2016

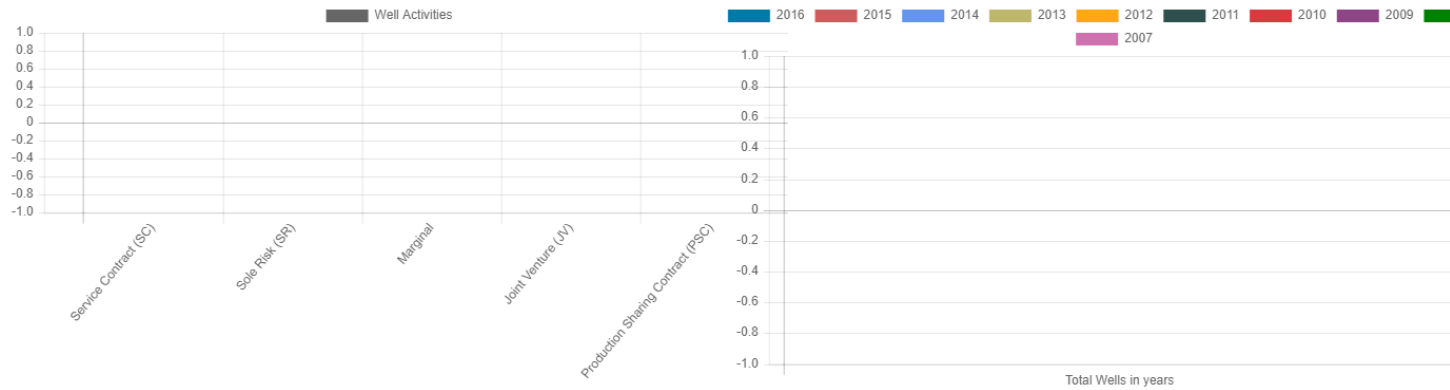


Table 12: 2016 Production Performance (Provisional)

Company	Fields	Contract	Terrain	Annual Prod (Bbls)	Daily Ave (Bopd)	% Prod
Total				0.00	0.00	0.0%

Table 13: 2016 Monthly Production (Provisional Figures)

Month	Production (Bbls)	Average Daily Production (Bopd)
January	0.00	0
February	0.00	0
March	0.00	0
April	0.00	0
May	0.00	0
June	0.00	0
July	Chat AJEBOTA	
August		

September

Month


October

November

December

Total Annual Production (Bbls)

Average Annual Daily Production (bopd)

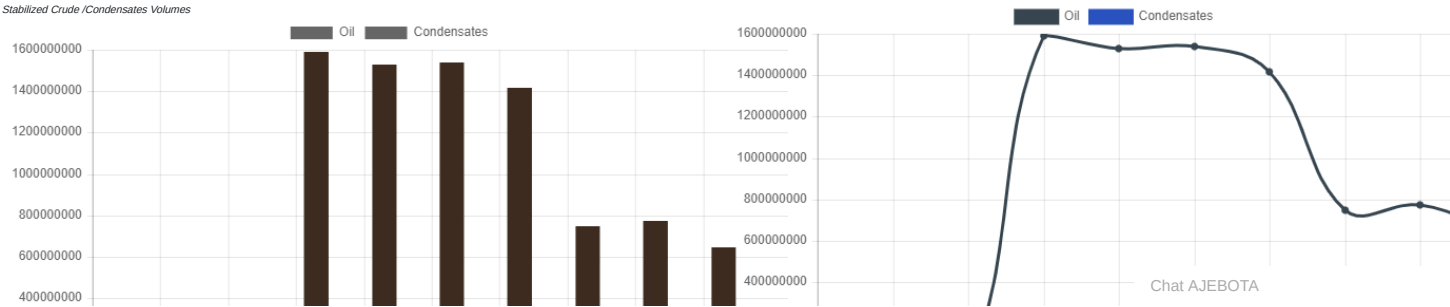


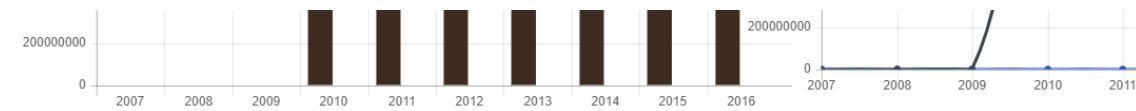


4.1.7.3 Reconciled Crude / Condensates Volumes by Streams

Table 27 Summary of Stabilized Crude / Condensates Volumes by Streams

Stream/Blend	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Crude Oil										
Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Condensate										
Field Condensate										
Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plant Condensate										
Sub Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub Total - Condensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crude + Condensate										
Grand Total - Condensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00





4.1.7.4 Nigerian Crude / Condensate Export

Table 28 Summary of Crude / Condensate Export by Crude Stream 2016

Stream	January	February	March	April	May	June	July	August	September	October	November	December
Abo	699313.00	0.00	698712.00	699154.00	681552.00	699964.00	699384.00	698332.00	0.00	698113.00	525613.00	698113.00
Agbami	7775155.00	6770999.00	7797371.00	6776147.00	7793730.00	6940655.00	7791557.00	7795843.00	6865907.00	7733898.00	7750155.00	7775155.00
Ajapa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aje	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	618240.00	0.00	0.00	0.00
Akpo	4943815.00	2950607.00	3948812.00	3949147.00	4858085.00	3862434.00	3997891.00	5048097.00	4002236.00	3998935.00	5043815.00	4943815.00
Antan	2351397.00	948354.00	947340.00	995246.00	996283.00	798776.00	949049.00	448858.00	946167.00	995906.00	1597006.00	399227.00
Asaramaturu	0.00	0.00	0.00	301120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	301120.00
Bonga	6572149.00	5691744.00	6135298.00	6147890.00	5875308.00	5832313.00	5929002.00	6529065.00	6854383.00	5637622.00	6632887.00	7135485.00
Bonny	5660064.00	7057785.00	7387852.00	5592239.00	3298996.00	2895715.00	3555251.00	3537015.00	4868375.00	3933272.00	4987690.00	3207174.00
Brass	3440461.00	2742221.00	3094392.00	2761736.00	3144278.00	1408765.00	3375238.00	2373672.00	2054092.00	2276429.00	3628045.00	2849094.00
Ebok	849639.00	569474.00	1181207.00	589072.00	586799.00	590641.00	609453.00	579814.00	1206327.00	621198.00	605565.00	0.00
Ekanga Zaffiro	906705.00	0.00	951802.00	0.00	0.00	0.00	0.00	978605.00	0.00	0.00	995785.00	0.00
Erha	3953192.00	3942791.00	2996130.00	3942708.00	4008385.00	3106204.00	4003877.00	4857811.00	3927107.00	4170270.00	3995986.00	2931933.00
Escravos	4877149.00	3787494.00	3789693.00	3779427.00	3794793.00	4474592.00	3783302.00	3787203.00	3756575.00	2840676.00	3793206.00	4709205.00
Forcados	6316303.00	2816270.00	0.00	0.00	389028.00	281923.00	488680.00	395602.00	287392.00	1628772.00	2333840.00	590444.00
Ima	0.00	0.00	0.00	0.00	122141.00	0.00	0.00	0.00	0.00	0.00	0.00	120010.00
Odudu	2948142.00	1906638.00	949364.00	1947930.00	2926094.00	1997514.00	1899250.00	3995008.00	1997914.00	3001310.00	1899378.00	2946237.00
Okono	0.00	899768.00	901168.00	899821.00	900206.00	299543.00	0.00	897155.00	899672.00	899904.00	397132.00	699720.00
Okoro	0.00	0.00	996563.00	0.00	0.00	0.00	0.00	824254.00	0.00	950210.00	0.00	0.00
Okwori	0.00	648215.00	647683.00	0.00	651980.00	671984.00	0.00	672842.00	0.00	647845.00	647879.00	0.00
Usan	0.00	924477.00	907189.00	988356.00	922937.00	949452.00	0.00	905385.00	790537.00	0.00	1237304.00	1000718.00
Oyo	0.00	183430.00	0.00	158709.00	0.00	418454.00	0.00	431046.00	231698.00	0.00	400822.00	121443.00
Pennington	0.00	969412.00	0.00	972576.00	0.00	975086.00	0.00	0.00	967243.00	0.00	966547.00	971587.00
Qua Iboe	11400152.00	9688693.00	9500288.00	9458157.00	7600433.00	7597579.00	1899596.00	0.00	951577.00	6650811.00	8550764.00	6651004.00
Ukpokiti	946906.00	948852.00	948517.00	948105.00	995586.00	947443.00	995154.00	946623.00	949282.00	947369.00	499770.00	995347.00
Yoho	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195247.00	0.00	0.00	207599.00
QIT	2948240.00	3996499.00	3044745.00	3994489.00	3146665.00	2077800.00	2998075.00	3047052.00	3047931.00	2998090.00	3998410.00	1999115.00
SEPCO	950344.00	1898664.00	948887.00	1943993.00	1218082.00	996862.00	1901845.00	1578603.00	949024.00	1263425.00	1264354.00	1263267.00
Sub-Total	67,539,126.00	59,342,387.00	57,753,013.00	56,846,022.00	53,911,261.00	47,823,699.00	44,876,604.00	50,327,885.00	46,366,926.00	51,894,055.00	61,751,575.00	47,068,276.00
Daily-Average	2,178,681.48	2,119,370.96	1,863,000.42	1,894,867.40	1,739,072.94	1,594,123.30	1,447,632.39	1,623,480.16	1,545,564.20	1,674,001.77	2,058,385.83	1,518,331.48

Total Crude Export for 2016 in (Barrels)

Total Crude Export from 2016 to 2007 in (Barrels)

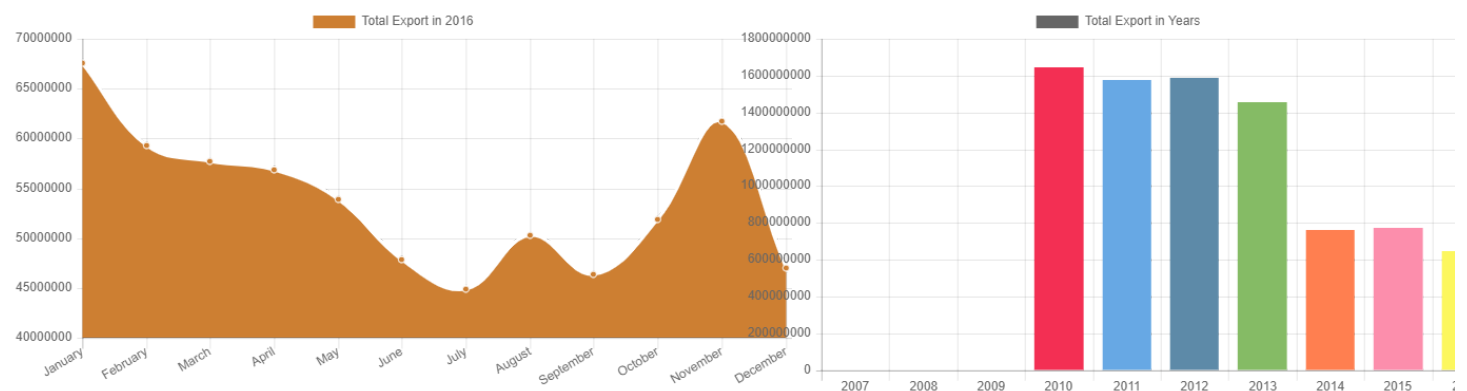


Table 30 Summary of Crude / Condensates Exports bbb

All Volumes in Barrels

Chat AJEBOTA

Stream/Blend	2007	2008	2009	2010	2011	2012	2013	2014
Crude Oil								
Abo	0	0	0	21318140.33	20002189.58	15944489.33	15282570.42	8298092.00
Agbami	0	0	0	166586874.42	169276417.75	163331331.75	162442052.08	86171532.00
Ajapa	0	0	0	0	0	0	0	0
Aje	0	0	0	0	0	0	0	0
Akpo	0	0	0	115596022.00	109009199.58	110073938.58	116508499.08	51618224.00
Antan	0	0	0	36725681.25	27220440.58	35557547.67	38212238.33	18112986.00
Asaramaturu	0	0	0	0	0	0	0	544421.00
Bonga	0	0	0	124703019.58	98971116.00	123209330.58	97477888.92	58282931.00
Bonny	0	0	0	162404025.42	164128287.50	143067896.67	109218106.67	62613178.92
Brass	0	0	0	89714526.42	88783664.67	74626917.42	59161592.83	34880104.33
BRT	0	0	0	0	0	0	0	0
Ebok	0	0	0	0.00	5046368.67	21242738.67	25144067.67	9772103.00
Ekanga Zaffiro	0	0	0	0	0	0	0	3763224.00
Erha	0	0	0	117515483.17	100608549.25	88955505.33	70977428.83	35959867.00
Escravos	0	0	0	130031945.17	122682345.00	116659064.92	94675199.00	59259056.00
Forcados	0	0	0	127141182.50	143437203.83	133373791.50	126938069.50	66442803.00
Ima	0	0	0	1125142.75	849367.00	691330.17	402158.83	231712.00
Koko Plant	0	0	0	243924796.08	244324835.08	248082260.75	249910300.75	123839746.75
Odudu	0	0	0	77966352.58	74998246.67	72528861.25	53821594.67	26478183.00
Okono	0	0	0	34598999.67	32681570.17	31874688.00	28426631.50	12053749.00
Okoro	0	0	0	11401726.75	10302800.17	12186406.25	12327886.92	5608008.00
Okwori	0	0	0	27705953.33	24750428.42	22555174.25	17360850.42	8460061.00
Oso Condensate	0	0	0	8825839.83	10320847.50	0	0.00	0.00
Oyo	0	0	0	6923226.17	2587605.42	0.00	1286506.92	5455256.00
Pennington	0	0	0	20788042.08	20635751.42	16852420.08	13208095.00	5834616.00
QIT	0	0	0	0.00	0.00	55473475.75	73518850.25	44518002.00
Qua Iboe	0	0	0	0	0	0	0	0
SEEPCO	0	0	0	63611368.33	58794656.58	53089878.42	47859164.75	18971337.00
Seplat Blend	0	0	0	0	0	0	0	0
Ukpokiti	0	0	0	0	0	0	0	13629727.00
Usan	0	0	0	0	0	0	0	0
Yoho	0	0	0	624923.42	566200.58	1542600.42	1882427.33	546255.00
Grand Total	0.00	0.00	0.00	1,589,233,271.25	1,529,978,091.42	1,540,911,547.76	1,416,042,180.67	747,715,448.00
Daily Average	0.00	0.00	0.00	4,342,167.41	4,180,268.01	4,210,140.84	3,868,967.71	2,042,938.38

Table 31 2016 Crude Export Destination

All Volumes in

Stream	Africa	Asia	Australia	Europe	North America	South America
Total	0.00	0.00	0.00	0.00	0.00	0.00

Table 32 2016 Crude Export Destination History (Percent)

Region	2012	2013	2014	2015	2016
Africa	0.0	0.0	0.0	0.0	0.0
Asia	0.0	0.0	0.0	0.0	0.0
Australia	0.0	0.0	0.0	0.0	0.0
Europe	0.0	0.0	0.0	0.0	0.0
North America	0.0	0.0	0.0	0.0	0.0
South America	0.0	0.0	0.0	0.0	0.0

Summary of Crude / Condensates Exports in (Barrels)

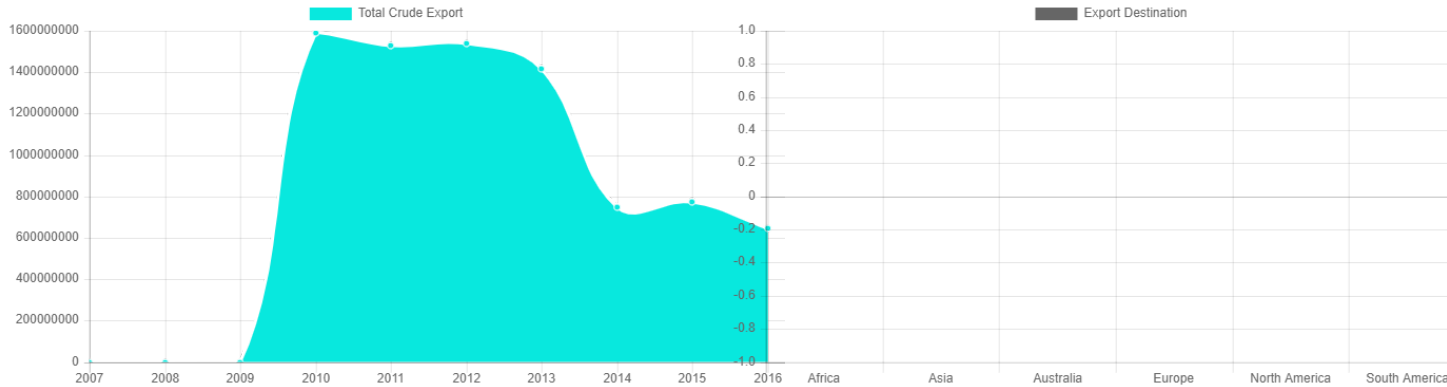
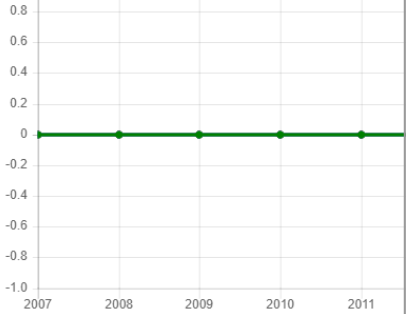


Table 33: Average Price of Nigeria's Crude Streams as Quoted by Platts in USD

Average Price of Nigeria's Crude Quoted by Platts in USD



Streams								
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0



4.2 Downstream

4.2.1 Refinery Activities

Table 35: Summary of Refineries

Refinery	Owner	Configuration	Feedstock	Product
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Table 36: Local Refining Capacities

Local Refinery Capacity

	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State	Capacity Total	Utilization %
Designed Capacity, BPSD	1						
2006	0	0	0	0	0	0	0.00
2007	0	0	0	0	0	0	0.00
2008	0	0	0	0	0	0	0.00
2009	0	0	0	0	0	0	0.00
2010	0	0	0	0	0	0	0.00
Crude Oil Processed, BPSD	2011	0	0	0	0	0	0.00
2012	0	0	0	0	0	0	0.00
2013	0	0	0	0	0	0	0.00
2014	0	0	0	0	0	0	0.00
2015	0	0	0	0	0	0	0.00
2016	0	0	0	0	0	0	0.00

4.2.1.1 Summary Refined Product

Table 37: Refinery Production Volumes, Metric Tonnes

Month	Product	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State	Total, MT	Total, Ltrs
January	PMS	0	0	0	0	0	0	0
January	AGO	0	0	0	0	0	0	0
January	DPK	0	0	0	0	0	0	0
January	LPG	0	0	0	0	0	0	0
January	LPFO	0	0	0	0	0	0	0
February	PMS	0	0	0	0	0	0	0
February	AGO	0	0	0	0	0	0	0
February	DPK	0	0	0	0	0	0	0
February	LPG	0	0	0	0	0	0	0
February	LPFO	0	0	0	0	0	0	0
March	PMS	0	0	0	0	0	0	0
March	AGO	0	0	0	0	0	0	0
March	DPK	0	0	0	0	0	0	0
March	LPG	0	0	0	0	0	0	0
March	LPFO	0	0	0	0	0	0	0
April	PMS	0	0	0	0	0	0	0
April	AGO	0	0	0	0	0	0	0
April	DPK	0	0	0	0	0	0	0
April	LPG	0	0	0	0	0	0	0
April	LPFO	0	0	0	0	0	0	0
May	PMS	0	0	0	0	0	0	0
May	AGO	0	0	0	0	0	0	0

Month	Product	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State		
May	LPG	0	0	0	0	0		
May	LPFO	0	0	0	0	0		
June	PMS	0	0	0	0	0		
June	AGO	0	0	0	0	0		
June	DPK	0	0	0	0	0		
June	LPG	0	0	0	0	0		
June	LPFO	0	0	0	0	0		
July	PMS	0	0	0	0	0		
July	AGO	0	0	0	0	0		
July	DPK	0	0	0	0	0		
July	LPG	0	0	0	0	0		
July	LPFO	0	0	0	0	0	0	0
August	PMS	0	0	0	0	0	0	0
August	AGO	0	0	0	0	0	0	0
August	DPK	0	0	0	0	0	0	0
August	LPG	0	0	0	0	0	0	0
August	LPFO	0	0	0	0	0	0	0
September	PMS	0	0	0	0	0	0	0
September	AGO	0	0	0	0	0	0	0
September	DPK	0	0	0	0	0	0	0
September	LPG	0	0	0	0	0	0	0
September	LPFO	0	0	0	0	0	0	0
October	PMS	0	0	0	0	0	0	0
October	AGO	0	0	0	0	0	0	0
October	DPK	0	0	0	0	0	0	0
October	LPG	0	0	0	0	0	0	0
October	LPFO	0	0	0	0	0	0	0
November	PMS	0	0	0	0	0	0	0
November	AGO	0	0	0	0	0	0	0
November	DPK	0	0	0	0	0	0	0
November	LPG	0	0	0	0	0	0	0
November	LPFO	0	0	0	0	0	0	0
December	PMS	0	0	0	0	0	0	0
December	AGO	0	0	0	0	0	0	0
December	DPK	0	0	0	0	0	0	0
December	LPG	0	0	0	0	0	0	0
December	LPFO	0	0	0	0	0	0	0
Total	PMS	0	0	0	0	0	0	0
Total	AGO	0	0	0	0	0	0	0
Total	DPK	0	0	0	0	0	0	0
Total	LPG	0	0	0	0	0	0	0
Total	LPFO	0	0	0	0	0	0	0

Table 38: Summary of Refinery Production Volumes, Metric Tonnes

Year	Product	Warri, Delta State (WRPC)	Kaduna, Kaduna State (KRPC)	Eleme, River State (PHRC)	Niger Delta Pet Res	Old PHRC, Rivers State	Total, MT	Total, Ltrs
2007	PMS	0	0	0	0	0	0	0
2007	AGO	0	0	0	0	0	0	0
2007	DPK	0	0	0	0	0	0	0
2007	LPG	0	0	0	0	0	0	0
2007	LPFO	0	0	0	0	0	0	0
2008	PMS	0	0	0	0	0	0	0
2008	AGO	0	0	0	0	0	0	0
2008	DPK	0	0	0	0	0	0	0
2008	LPG	0	0	0	0	0	0	0
2008	LPFO	0	0	0	0	0	0	0
2009	PMS	0	0	0	0	0	0	0
2009	AGO	0	0	0	0	0		
2009	DPK	0	0	0	0	0		

Months					
January	0	0	0	0	0
February	0	0	0	0	0
march	0	0	0	0	0
april	0	0	0	0	0
may	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
Total	0	0	0	0	0



Petroleum Product Volumes

PMS AGO DPK ATK LPFO Base Oil Bitumen

Petroleum Product Volumes

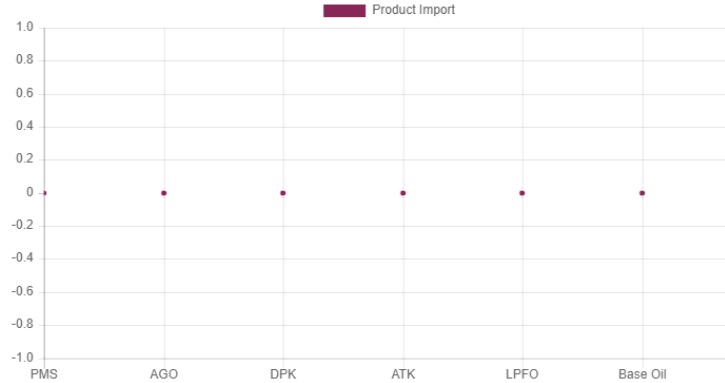


Table 41: Petroleum Products Volumes as per Import Permit Issued Excluding NNPC (Metric Tonnes)

Months							
2012	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0

Table 42: 2016 Petroleum Products Importation by Market Segment, (Metric Tonnes)

Months	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	BITUMEN
NNPC, Metric Tonnes								
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Major Marketers, Metric Tonnes								
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0

Months	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	
June	0	0	0	0	0	0	0	
July	0	0	0	0	0	0	0	
August	0	0	0	0	0	0	0	
September	0	0	0	0	0	0	0	
October	0	0	0	0	0	0	0	
November	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	
Independent Marketers, Metric Tonnes								
January	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Total, Metric Tonnes								
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Average Daily Import, Metric Tonnes								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
march	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
april	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
may	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 43: Summary of 2016 Petroleum Products Importation by Market Segment, Litres

Months	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	BITUMEN
NNPC, Litres								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
march	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Months	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
May	0.00	0.00	0.00	0.00	NNPC, Litres	0.00	0.00	
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Major Marketers, Litres								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Independent Marketers, Litres								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total, Litres								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily Import, Litres								
January	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
February	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
March	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
June	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
July	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



July Months	0.00 PMS	0.00 AGO	0.00 DPK	0.00 ATK	0.00 LPG	0.00 LPFO	0.00 BASE OIL
August	0.00	0.00	0.00	0.00	0.00	0.00	0.00
September	0.00	0.00	0.00	0.00	NNPC, Litres	0.00	0.00
October	0.00	0.00	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Table 44: 2016 Petroleum Products Import Summary, Metric Tonnes

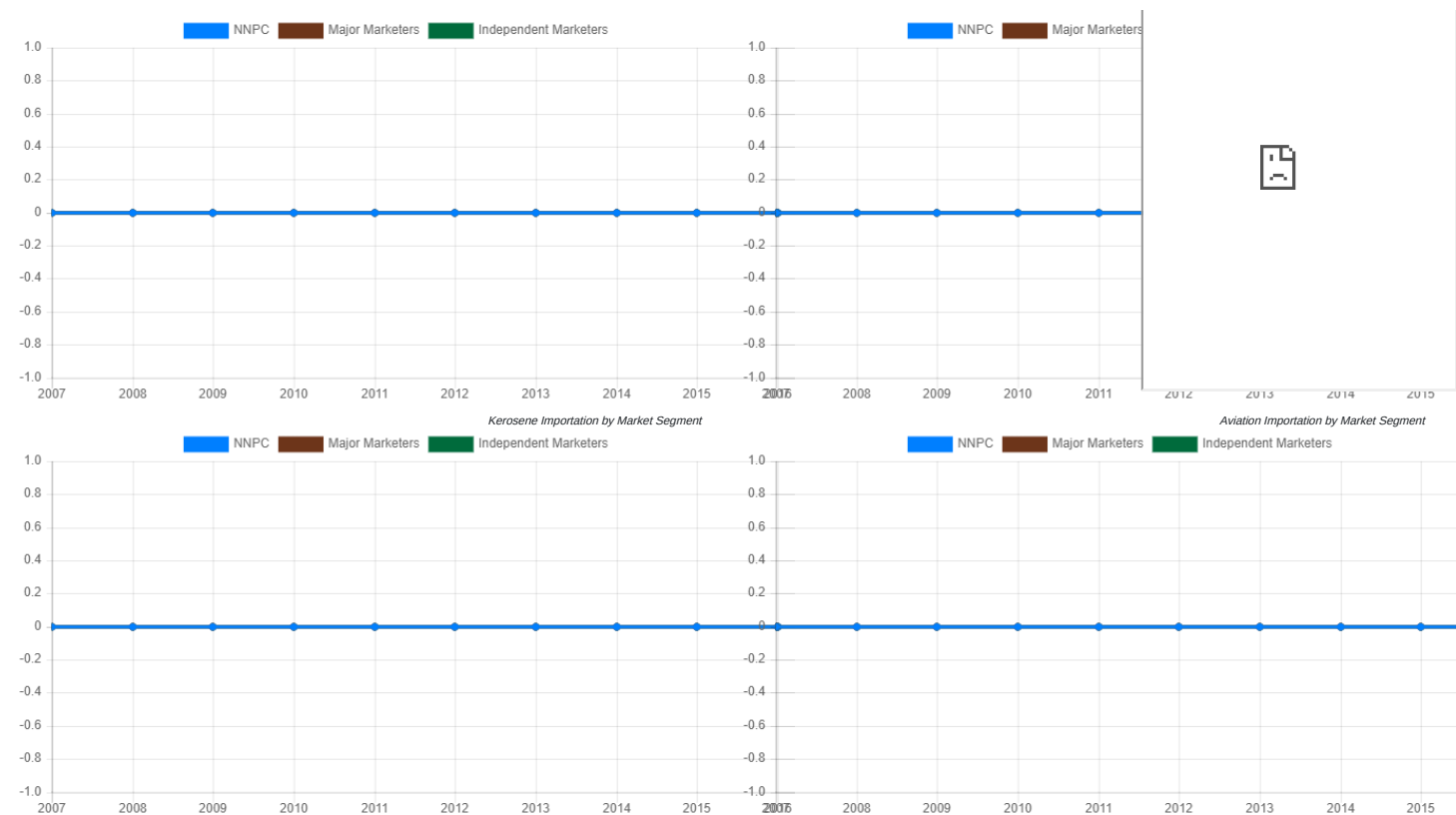
Year	PMS	AGO	DPK	ATK	LPG	LPFO	BASE OIL	
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 45: 2016 Summary of Petroleum Products Importation by Market Segment

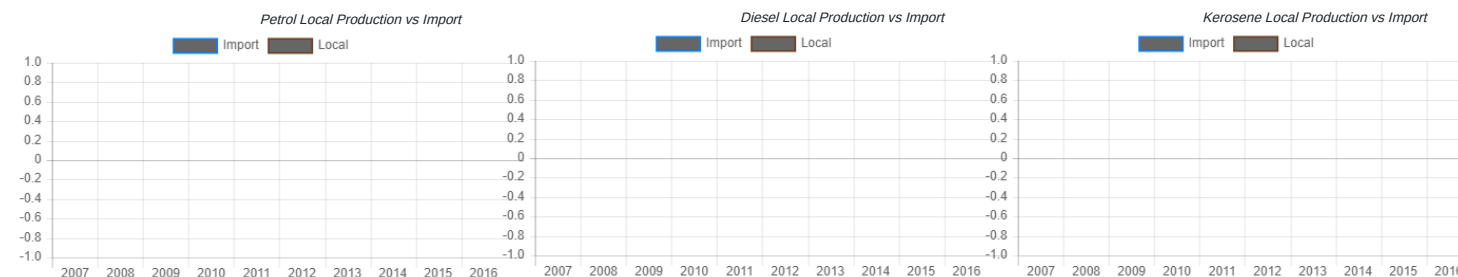
Market Segment	Product	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total, Metric Tonnes	Total, Litres
NNPC	PMS	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	AGO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	DPK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	ATK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	LPG	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	LPFO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	BASE OIL	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NNPC	BITUMEN	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	PMS	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	AGO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	DPK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	ATK	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	LPG	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	LPFO	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	BASE OIL	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Major Msrketers	BITUMEN	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Independent Marketers	PMS	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	AGO	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	DPK	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	ATK	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	LPG	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	LPFO	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	BASE OIL	0	0	0	0	0	0	0	0	0	0	0.000	0.0
Independent Marketers	BITUMEN	0	0	0	0	0	0	0	0	0	0	0.000	0.0

Petrol Importation by Market Segment

Diesel Importation by Market Segment



4.2.3 Petroleum Products Importation / Local Production

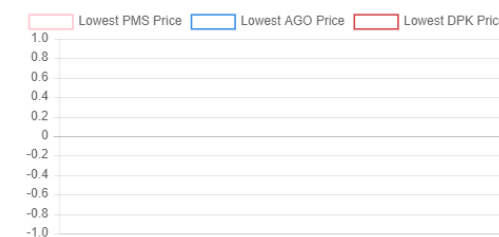


4.2.4 Petroleum Products Average Pricing

Table 46: Petroleum Products Average Consumer Price Range Naira per Litres

Year	Market Segment	PMS	ago	DPK

Petroleum Products Average Pricing



4.2.5 Retail Outlets

Table 47: Retail Outlets Count and Storage Capacities (Litres)

State	Count	PMS	AGO	DPK	Total Cap per State
Abia	0	0	0	0	0
Adamawa	0	0	0	0	0
Akwa-Ibom	0	0	0	0	0
Anambra	0	0	0	0	0
Bauchi	0	0	0	0	0
Bayelsa	0	0	0	0	0
Benue	0	0	0	0	0
Borno	0	0	0	0	0
Cross River	0	0	0	0	0
Delta	0	0	0	0	0
Ebonyi	0	0	0	0	0
Edo	0	0	0	0	0
Ekiti	0	0	0	0	0
Eruwa	0	0	0	0	0

Retail Outlets Count and Capacities (Litres)





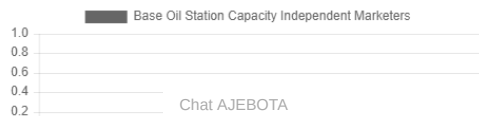
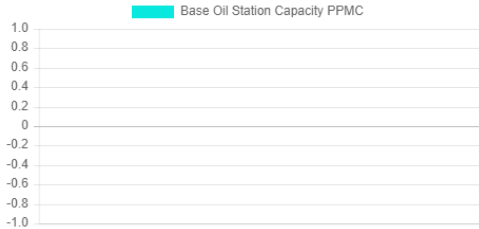
4.2.6 Petrochemicals

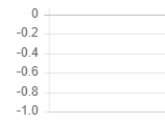
Table 48: Major Petrochemical Plants

Table 49: Major Petrochemical Plant Projects

4.2.7 Lubricant Blending Plants

Table 50: List of Licensed Base Oil Marketers and Storage Capacities





4.3 GAS

4.3.1 Domestic Gas Supply Obligation (DGSO)

4.3.1 National Gas Requirement (NGR)

Table 51: Domestic Gas Supply Obligation for E&P Companies, MMSCF/day

Company / Gas Producers	2017	2018	2019	2020		
Total Gas	0	0	0	0	0	0

Table 52: DGSO Allocation vs Supply Performance

Company	Supply Oblig (MMscf/d)	Ave Supply (MMscf/d)	% Performance	Remark
Total Gas		0	0	

Table 53: Summary of Domestic Gas Supply Obligation Performance from 2007 to 2016 *Volumes in MMscf/d*

Year	Perf	Total
2007	Obligation	0
2007	Supply	0
2007	% Perf	0
2008	Obligation	0
2008	Supply	0
2008	% Perf	0
2009	Obligation	0
2009	Supply	0
2009	% Perf	0
2010	Obligation	0
2010	Supply	0
2010	% Perf	0
2011	Obligation	0
2011	Supply	0
2011	% Perf	0
2012	Obligation	0
2012	Supply	0
2012	% Perf	0
2013	Obligation	0
2013	Supply	0
2013	% Perf	0
2014	Obligation	0
2014	Supply	0
2014	% Perf	0
2015	Obligation	0
2015	Supply	0
2015	% Perf	0
2016	Obligation	0
2016	Supply	0
2016	% Perf	0

4.3.3 Gas Production and Utilization

Table 54: Summary of 2016 Gas Production and Utilization *Volumes in Mscf (Thousand Standand Cubic Feet)*

Production				Sales										
Month	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0
march	0	0	0	0	0	0	0	0	0	0	0	0	0	0
april	0	0	0	0	0	0	0	0	0	0	0	0	0	0
may	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0		
November	0	0	0	0	0	0	0	0	0	0	0	0		

December	Production			0	0	0	0	0	0	Sales			0	0	0	0
Month	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util				

Table 55: Summary of Gas Production and Utilization Volumes in Mscf (Thousand Standard Cubic Feet)

Gas Production												Sales			
Year	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Domestic Sales	NLNG Export	Gas Util	% Util				
2000	0	0	0	0	0	0	0	0	0	0	0				
2001	0	0	0	0	0	0	0	0	0	0	0				
2002	0	0	0	0	0	0	0	0	0	0	0				
2003	0	0	0	0	0	0	0	0	0	0	0	0	0		
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 56: 2012 Gas Production and Utilization by Company Volumes in Mscf (Thousand Standard Cubic Feet)

Gas Produced							Gas Sold							
Company	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared

Table 57: 2013 Gas Production and Utilization by Company Volumes in Mscf (Thousand Standard Cubic Feet)

Gas Produced							Gas Sold							
Company	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared

Table 58: 2014 Gas Production and Utilization by Company Volumes in Mscf (Thousand Standard Cubic Feet)

Gas Produced							Gas Sold							
Company	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared

Table 59: 2015 Gas Production and Utilization by Company Volumes in Mscf (Thousand Standard Cubic Feet)

Gas Produced							Gas Sold							
Company	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared

Table 60: 2016 Gas Production and Utilization by Company Volumes in Mscf (Thousand Standard Cubic Feet)

Gas Produced							Gas Sold							
Company	AG	NAG	Total	Fuel Gas	Gas Lift	Re-Injection	NGL-LPG	Gas To Nipp	Others	NLNG Export	Gas Util	% Util	Gas Flared	% Flared

4.3.3.1: Gas Production Summary

2016 Gas Production and Utilization (BCF)



4.3.3.2: Gas Utilization Synopsis

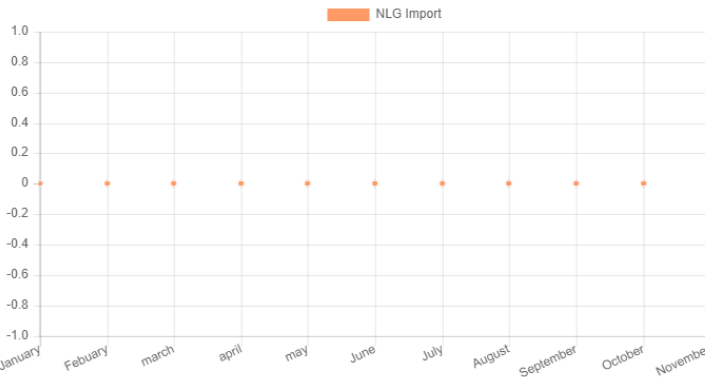
2016 Gas Utilization and Flare for 2016



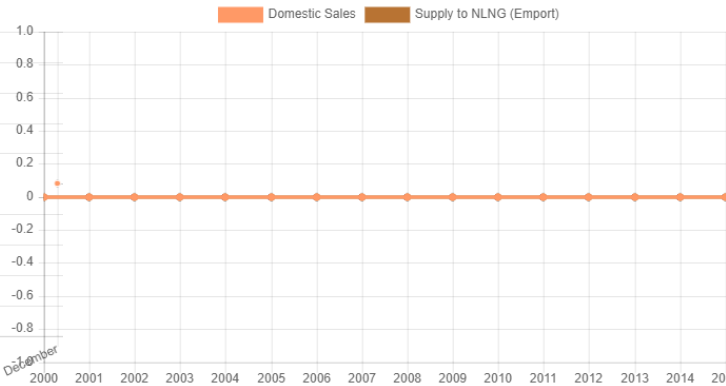
Table 61: 2016 LNG Export, MT

January	February	march	april	may	June	July	August	September	October	November	December	Total
0	0	0	0	0	0	0	0	0	0	0	0	0

LNG Export



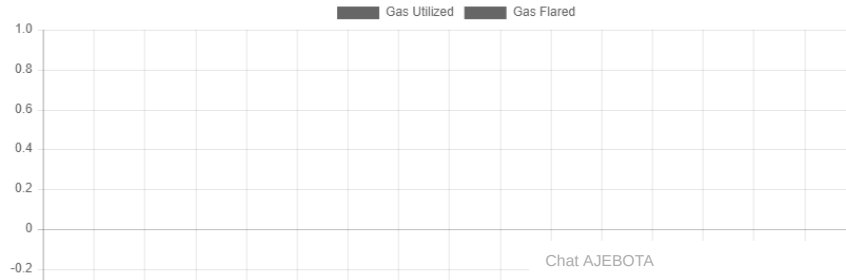
Domestic Gas Sales vs Supply to NLNG (Export)

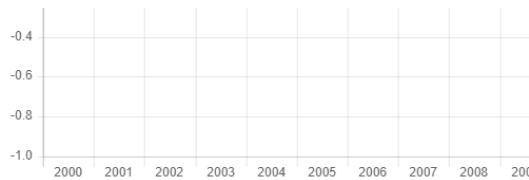


4.3.3.3: 2017 Gas Flaring Profile

Flare Profile of Producing Companies in 2016

Gas Utilized vs Gas Flared





4.3.4 GAS Infrastructure

4.3.4.1 Major Gas Facilities

Table 62: Summary of Major Gas Facilities

Company	Facility	Facility Type	Location	Design Capacity <i>Mmscfd</i>	Design Life	Date of Commissioning

4.3.4.2 Major Gas Projects

Table 63: Status of Major Gas Plant Projects

Company	Project Title	Location	Expected Completion Date	Expected Processing Capacity <i>Mmscfd</i>	Pet Product Output (<i>Mtpa/Mtpd</i>)

4.3.4.3: Gas Pipelines

4.3.5: LPG PENETRATION

Table 4.4 HEALTH SAFETY & ENVIRONMENT

4.4.1 Accident Report

Table 64: 2016 Accident Report – Industry Wide

Month	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality

65: Accident Report – Upstream

Month	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality

Accident Report - Upstream

Table 66: Accident Report – Downstream

Month	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality

Accident Report - Downstream

67: Yearly Accident Report – Upstream

Year	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0

Downstream versus Upstream Incidents

2015	0	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	0
Year	Incidents							Fatality

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68: Yearly Accident Report – Downstream



Downstream versus Upstream Incid



Year	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0

2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0

69: Yearly Accident Report – Industry Wide



Industry Safety Performance

Year	Incidents	Work Related	Non Work Related	Fatal Incident	Non Fatal Incident	Work Related Fatal Incident	Non Work Related Fatal Incident	Fatality
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0

Table 70: Spill Incidents



Spill Incidents

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Month	Natural Accident	Corrosion	Equipment Failure	Sabotage	Human Error	YTBD	Mystery	Total Spill	Volume Spill
Total	0	0	0	0	0	0	0	0	0

Table 71: Spill Incidence Summary



Year	Number of Spills	Quantity Spilled (Brl)
2007	0	0
2008	0	0
2009	0	0
2010	0	0
2011	0	0
2012	0	0
2013	0	0
2014	0	0
2015	0	0
2016	0	0

Table 72: 2016 Report on Produced Water Volumes Generated



Company	Facility	Water Depth (Ft)	Distance From Shore (Km)	Volume/Day (Bbl)

Table 73: 2016 Drilling Waste Volumes

Month	Sum Of WBMC (Mt)	Sum Of OBMC (Mt)	Sum Of Spent WBM (Mt)	Sum Of Spent OBM (Mt)
Grand Total	0	0	0	0

Drilling Waste Volumes



Table 74: 2016 Accredited Waste Managers

Company	Type of Facility	Location Area	Operational Status

Table 75: Summary of Waste Management Facilities

#	Type of Facility	Operational Permit
37	INCINERATOR	0
38	TDU	0
39	WBM	0

Table 84: 2016 Offshore Safety Permit (OSP) Summary

PERSONNEL REGISTERED	PERSONNEL CAPTURED	PERMITS ISSUED

2016 Offshore Safety Permit



Table 4.5 REVENUE PERFORMANCE

Table 86: Revenue Performance Summary

Year	Oil Royalty ₦	Gas Royalty ₦	Gas Flare Penalty ₦	Concession Rentals ₦	MOR ₦	Signatre Bonus ₦	Total Revenue ₦
2010	694,352,412,710.14	0.00	2,388,572,351.20	728,308,923.82	951,380,744.23	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	747,099,071,084.36

Actual Revenue Performance Summary Yearly

Actual Revenue Performance Summary Yearly

