

# Frost & Sullivan Africa

Growth Partnership Services

African Research Programmes for:

Energy and Power Systems (EPS) for 2006-2011



# Energy and Power Systems

## Sub Saharan Africa Planned Research - 2011



### Industry Segments Coverage

Centralized Power Equipment  
Centralized Power Services  
Onsite Power  
Distributed Generation  
Renewables  
Energy Management Services and Solutions  
Transmission, Distribution and Metering  
Oil & Gas Equipment and Services

### **2011 Research Delivery Schedule**

- The Emerging Cogeneration Markets within Sub-Saharan Africa (Q1)
- Private Sector Participation in the South African Electricity Industry (Q1)
- RE Project Tracker 2011 (Q1)
- Strategic Overview of the Algerian Electricity Industry: 2011 Update (Q1)
- Strategic Overview of the Moroccan Electricity Industry: 2011 Update (Q1)
- Technology and Cost Comparison for Various Energy Types in Africa (RE, Gensets, Cogeneration, Biomass Gasification etc.) (Q1)
- Frost & Sullivan IRP2020. Generation Mix Solutions for South Africa (Q1)
- Strategic Overview of the Uganda Electricity Industry: 2011 Update (Q2)
- How can SA Implement Smart Grids? International Best Practice and Case Studies (Q2)
- Strategic Overview of the Cameroon Electricity Industry: 2011 Update (Q2)
- Energy efficiency Benchmarking – the Most Effective Means to Reduce Energy Costs (Technology Comparisons and Case Studies) (Q2)
- Strategic Overview of the Ghana Electricity Industry: 2011 Update (Q2)
- Investment Opportunities for IPPs in Kenya (Q2)
- Strategic Overview of the Botswana Electricity Industry: 2011 Update (Q2)

**NB: Please note that the 2011 research titles are proposed titles. Some titles might be discarded due to lack of interest whilst other titles might be added if great interest is shown. Frost & Sullivan will make every effort to complete all programme content and commits to delivering at least 75% of scheduled annual titles.**

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- South African Municipal Power Generation Strategies (Q3)
- Strategic Overview of the Algerian Electricity Industry: 2011 Update (Q3)
- Southern African (without South Africa) T&D Markets and Opportunities (Q3)
- Sub Saharan African Electricity Pricing Analysis: 2011 Update (Q3)
- Strategic Overview of the DRC electricity Industry: 2011 Update (Q3)
- The Sub-Saharan Africa Diesel Generation and Power Rental Markets (Focus on Channel Partners) (Q3)
- 2011 State of the South African Electricity Industry (Q3)
- Economic Impact of Delays to Power Plant Construction (Q3)
- Demand Side Management: Planning and Implementation for Sub-Saharan Africa Electricity Markets(Q4)
- The East African Oil and Gas Markets (Q4)
- The Effect of Carbon Taxation on Large Industrial Businesses (Challenges and Opportunities) (Q4)
- Cogeneration Case Studies (The International Experience) (Q4)
- South African Municipal Waste to Energy Strategies (Q4)
- Identifying and Profiling Key Energy Contractors in Nigeria (Q4)

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# Energy and Power Systems Sub Saharan Africa – Selected Research Available To-Date

## Genset and UPS Research

East African Genset Market  
 Nigerian Genset Market  
 South African Genset Markets  
 The South African, Nigerian and Kenyan UPS Markets  
 Large Diesel Generation In SSA  
 The Nigerian Transformer Markets  
 The South African Transformer Markets  
 Power Rental Markets in SSA

## Country Studies

South Africa	DR Congo
Mozambique	Cameroon
Botswana	Equatorial Guinea
Namibia	Ethiopia
Angola	Nigeria
Zambia	Ghana
Tanzania	Ivory Coast
Kenya	Senegal
Uganda	Zimbabwe
Morocco	Algeria

● Completed Country Studies

● Planned Country ME Studies

## Turbines and Generation

The SSA Gas turbines Markets  
 The SSA Steam Turbine Markets  
 The SSA Hydro Turbines Markets  
 The South African Boilers Market  
 SSA MRO Market  
 SSA Power Plant Construction Markets

## IPP's

The East African IPP's Market  
 The West African IPP's Market  
 IPP Opportunities in South Africa

## T&D Research

South African HV Cables Markets  
 South African HV Switchgear Markets  
 The South African Metering Markets

## Oil and Gas

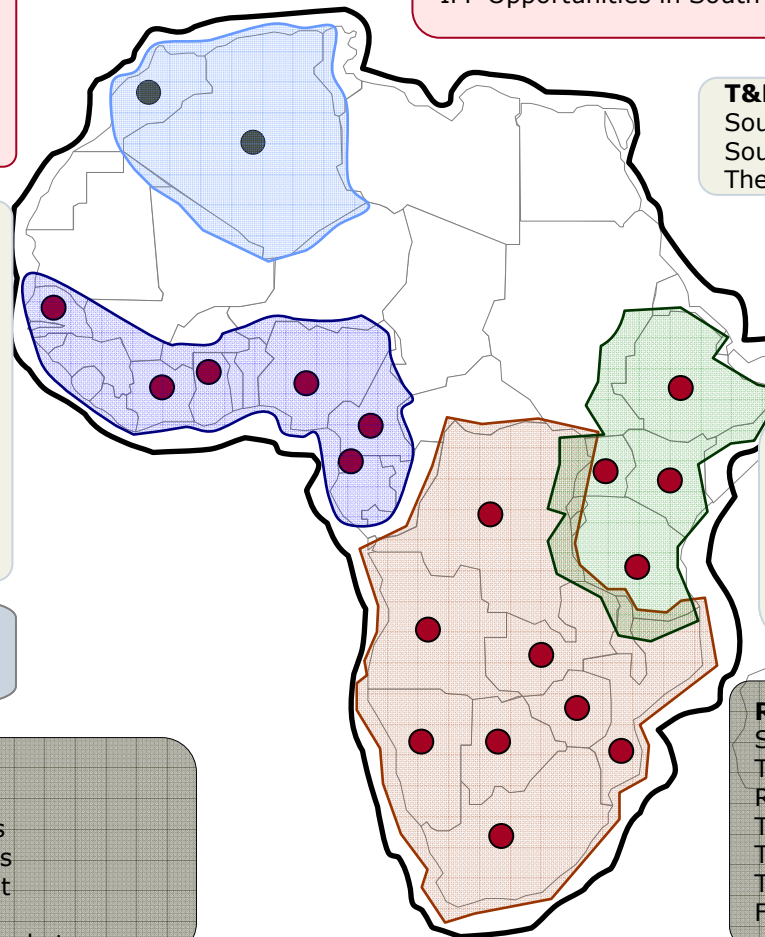
West African Oil and Gas Markets  
 Southern African Oil and Gas Markets

## Issue Based Research

CEO 360 Analysis  
 Skills Assessment for South Africa  
 SSA Electricity Pricing Analysis  
 Energy Efficiency in SA  
 Asian Influence in Africa (Electricity)  
 Role and Development of Power Pools

## Renewable Energy Research

South African SWH Markets  
 The Southern African RE Markets  
 RE Project Tracker  
 The South African CSP and PV Markets  
 The African Large Wind Turbine Markets  
 The SSA CDM Markets  
 Finance Criteria for RE Projects in SSA



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### **2010 Published Research Programme**

- Renewable Energy Project Tracker – By technology, Programs and Plans (Sub-Sahara Africa) (M5D7)
- Overview of the Kenyan Electricity Industry (M5C8)
- The East African Genset Market (M573)
- The South African HV Switchgear Markets (M56B)
- Overview of the Southern African Oil and Gas Industry (M571)
- The West African transformer market (M595)
- Sub Saharan Electricity Pricing Analysis (M5C4)
- Overview of the Nigerian Electricity Industry (M5D4)
- Nigerian Genset Markets (M600)
- Overview of the Zambian Electricity Industry (M5FB)
- Energy Efficiency Initiatives in South Africa: Are they Working? (M5E6)
- Southern African Power Plant Construction Markets (M63E)
- Overview of the Ethiopian Electricity Industry (M68A)
- Overview of the Namibian Electricity Industry (M63D)
- The SSA UPS Markets (South Africa, Nigeria and Kenya) (M666)
- Investment Opportunities in the Zimbabwean Electricity Industry (M672)
- Overview of the Tanzanian Electricity Industry (M689)

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### 2010 Published Research Programme

- Skills Assessment of the South African Electricity Industry: Where are the Gaps and What can be Done? (9836)
- Overview of the West African Oil and Gas Industry M5D5)
- The South African Solar Water Heater Markets (M679)
- The South African PV and CSP Markets (M688)
- 2010 Annual State of the South African Electricity Industry
- CEO 360 Degree Overview of the Sub-Saharan African Industry



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### 2009 Published Research Programme

- Focus on Electricity Use in the Mining Sector in Southern Africa (M3E2)
- Strategic Growth Plans of Power Utilities in Sub Saharan Africa (M3C1)
- Strategic Analysis of the Angola Electricity Market (M3E3)
- Renewable Energy Equipment Markets in Southern Africa (M404)
- Strategic Analysis of the Mozambique Electricity Market (M40A)
- The African Wind Energy Market (M445)
- Sub-Saharan Africa Gas Turbine Market (M42D)
- Sub-Saharan Africa Gas Turbine Market - End-User Analysis (M469)
- Overview of the Electricity Industries in Senegal, Ivory Coast and Equatorial Guinea (M42F)
- The Asian Influence in the African Electricity Industry (M42E)
- Large Scale (3MW+) Genset Projects in Sub-Saharan Africa (M47C)
- South African Metering Systems Market (M4EE)
- Southern African Boiler Equipment Market (M4B1)
- Southern African Power Cable Markets (M4A3)
- Clean Development Mechanism (CDM) Projects in Sub Sahara Africa – Current and Future Opportunities (M4FE)

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Renewables  
Energy Management  
Services and Solutions  
Transmission,  
Distribution and  
Metering  
Oil & Gas Equipment  
and Services

### **2009 Published Research Programme**

- Key Finance Selection Criteria for RE Projects in Sub-Sahara Africa (M522)
- The South African Electricity Conundrum (Updated from 2008) (M529)
- Sub-Saharan Africa Steam Turbines Market (M516)
- The Role and Development of Power Pools in Africa
- The South African Co-generation Markets



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### 2008 Published Research Programme

- Strategic Overview of the Namibia Electricity Market (M26C)
- Strategic Overview of the Botswana Electricity Market (M2D5)
- Strategic Overview of the Kenya Electricity Market (M1ED)
- Strategic Overview of the DRC Electricity Market (M1FE)
- Strategic Overview of the Tanzanian Electricity Market (M1D7)
- Strategic Overview of the Ethiopian Electricity Market (M261)
- Strategic Overview of the Ghana Electricity Market (M36F)
- Strategic Overview of the Uganda Electricity Market (M23D)
- Strategic Overview of the Cameroon Electricity Market (M1FD)
- The South African Electricity Conundrum: Which Mitigating Strategies? (M275)
- The South African Transformer Market (M2A6)
- Power Rental Market in key African Countries (M344)
- Sub-Saharan African Power Plant Services Market (M104)
- IPP Investment Opportunities in East Africa (M31A)
- Hydro Turbine Market in Key African Countries (M2A7)
- African Electricity CEO 360 Degree Overview (M35C)
- IPP Investment Opportunities in West Africa (M303)
- The South African Gensets Markets (M364)

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### **2007 Published Research Programme**

- Middle East & North African Power Plant Services Markets (B583)
- South African Renewable Energy Equipment Markets (M077)
- Sub-Saharan African Maintenance, Repair and Overhaul Strategies (M0F9)
- Funding Analysis of Power Projects in Sub-Saharan Africa (M165)
- 2010 Football World Cup Impact on the South African Energy Industry - Will Eskom be Ready for 2010? A Benchmarking Assessment with South Korea in 2002 (M18F)
- Co-Generation Opportunities in South Africa (M166)
- Strategic Overview of the Nigerian Electricity Market (M19F)
- Strategic Overview of the Zambian Electricity Market (M1B4)
- Strategic Profiles of Key IPP's in Sub-Sahara Africa (M07B)

### **2006 Published Research Programme**

- South African UPS Markets (H013)
- Middle East & Africa Gen-set Markets (M053)
- South African Gen-set Market (B981)
- Middle East UPS Markets (B416)
- Southern African Independent Power Producers Markets (M064)
- African Steam & Gas Turbine Markets (B922)
- Southern African Transmission and Distribution Markets (BA0E)

# Your Contacts For More Information

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