

Power Plant Feasibility Study

<b>Project</b>	Feasibility Study for a Captive Power Plant in Ashaka Cem, Gombe State
<b>Client</b>	Ashaka Cement PLC, Ashaka, Gombe State, Nigeria & Lafarge of France
<b>Country</b>	Nigeria
<b>Project-Period</b>	September 2013 – May 2014

**Purpose:**

Preparation of a Feasibility Study that includes (but is not limited to) data collection, Pre-FEED, economic estimates (CAPEX, OPEX), security and HSE review and organization, establishment of acceptable and compliant emission limits for the pollutants in the air, water and soil, etc., permitting requirements.

**Technical data:**

Phase "A": 2 x 16MWnet

Phase "B": Phase "A" + 2 x 16MWnet = 4 x 16MWnet

**SeWa Services:**

- Propose Technical Solutions and power units' sizing
- Pre-FEED
- Detail permit requirements for power generation and power evacuation
- Estimate Investment costs
- Estimate Operation & Maintenance costs (5-years look-ahead)
- Assess reliability and interruption risks
- Estimate project implementation time schedule
- Review and propose organization for Health and Safety
- Review and propose security organization