

## Coal Production in Nigeria

Nigeria had proven coal reserves of about 650 million tonnes of coal equivalent (TCE) while the inferred reserves are about 2.75 billion TCE. This consists of 49% sub-bituminous, 39% bituminous and 12% lignite coals. Currently, there is no coal power plant in the country. Coal is the oldest commercial fuel in Nigeria with production dating from 1916 when 24,500 tonnes were produced. Production rose to a peak of 905,397 tonnes in 1959 during which it contributed over 70% to commercial energy consumption in the country. 2010 production stood at about 0.046 million TCE .

### Central Production Case

This level assumes that coal production will increase from minimal value of 0.046 million TCE to a high value of 135.12 million TCE by 2050. The level assumes a high contribution of coal to electricity generation mix.

### Lower Production Case

This level assumes an increase in coal production compared to 2010 level. The production will increase to 49.13 million TCE by 2050, but a reduction of about 63% compared to the Central Production Case. The reduction in production is attributed to little contribution of coal to the electricity generation mix in the country.

### Very Low Production Case

The very low production case assumes about 12.28 million TCE of coal production by 2050. This is a reduction of about 91% and 75% compared to Central Production Case and Low Production Case respectively. The low production is attributed to low demand from coal



Coal Mine, Enugu

