



Figure : Calorific Value - Expressed on a moist, mineral matter free basis of 3 types of coal. In lignite, fixed carbon amount is less compared to other 2 types and hence low calorific value. In India bituminous coal deposit will last for more than 200 years from the present usage level but consumption rate after the year 2050 reduce considerably - the power generation namely base load will be provided by coal, nuclear, hydro and bio energy.