Industrialization and growing population rapidly increase energy consumption. Nowadays, in order to productively utilize the coal reserves that can supply increasing energy demand to reduce foreign dependencies, scientific and technological methods must be used. In this context, it is also necessary to consider environmental factors for effective, productive and sustainable manufacturing. As Turkish Coal Enterprises operate eight sub companies, performance criteria for each company have different values. In such cases, multi criteria decision-making is preferred for performance evaluation. In this study, it was aimed to examine the performances of eight sub companies, operated by Turkish Coal Enterprises, using AHP-based Multimoora and Copras methods. The analyses for the years of 2008-2012 consisted of seven criteria, which are total sales, activity profit, reserves, number of employees, amount of decoupage, investment spendings and amount of products.