

## **Distribution of lanthanides, yttrium and scandium in ashes from coal-fired power stations**

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Coal, fly ash (FA) and bottom ash (BA) samples from five power plants (Pego, Hendrina, Electownia Siersza, Govora and Turceni) were analyzed by ICP-MS for REY+Sc. The results were normalized to the upper continental crust (UCC) and the outlook coefficient of REY ores calculated. In relation to UCC, all coal samples show negative anomalies while the FA and BA samples show positive anomalies (except BA from Govora for Er and Yb, Turceni BA for Er, Hendrina FA for Sc). According to the clusters of REE-rich coal ashes, all FA and BA samples are a promising REY raw material.

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