

## **ENC 2002 Conference Invited Paper**

### **Generation Cost Reduction Measures in Czech NPPs**

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CEZ is the biggest Czech power generation company, which covers about 55 % of the Czech electricity demand.

The company owns two nuclear power plants in its portfolio. CEZ has been operating Dukovany NPP for more than 17 years. Temelin NPP is being brought into operation these days.

The NPPs share in the electricity production of CEZ reaches nearly 30%. And it will be about 50% after Temelin NPP commissioning.

The strategy of the Dukovany NPP determines three postulates for further operation - the plant has to be accepted by the public, has to be safe and of course has to be commercially competitive.

Dukovany NPP has implemented a number of measures regarding cost of fuel, maintenance, personal, other services etc. during past decade. The result is a decrease of the specific cost in real terms during all the decade.

One of our most important targets of CEZ is to keep the economical competitiveness especially these days, when electricity markets in Europe are being opened. CEZ has offered its product „Rainbow energy“ to its customers since the beginning of this year. The role of energy from nuclear /yellow energy/ is to be base of that „Rainbow“ - to be the „permanent and cheap electricity“. Currently organisation changes are being performed in both NPPs from the reason to integrate management, transfer best practices, decrease cost and keep competitiveness.