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## **OPERATION OF 420 KV OHL “DUBROVO – CHERVENA MOGILA” AS 123 KV LINE**

### **ABSTRACT**

Until the construction of the line “Stip – Cervena Mogila” wasn’t finished, 420 kV overhead line “Dubrovo – Stip” in first faze, and 420 kV substation Stip will work as 123 kV. The question is: is 420 kV overhead line that work with rating voltage of 123 kV, will be appropriate solution for 123 kV substations Stip and Dubrovo. In this paper is present an attempt, based on recommendations from IEC 71-2, and results of the calculations, to solve that question.

**Keywords:** Insulation co-ordination.