INTISARI

Tujuan dari penelitian ini adalah untuk mengetahui komponen- komponen pembiayaan yang mempengaruhi besaran BPP tenaga listrik, membuat model sensitivitas BPP tenaga listrik terhadap variabel ekonomi makro yaitu harga bahan bakar dan inflasi sementara itu kurs, suku bunga serta biaya selain biaya pembangkitan dianggap tetap dan menghitung nilai sensitivitas BPP terhadap perubahan variabel harga bahan bakar inflasi sementara itu kurs dan suku bunga serta biaya selain biaya pembangkitan sistem Sulseltrabar dianggap tetap.

Penelitian dilakukan dengan langkah-langkah yaitu mengidentifikasi komponen-komponen pembiayaan listrik sistem Sulseltrabar, membuat model sensitivitas BPP tenaga listrik terhadap variabel harga bahan bakar dan inflasi, menentukan konstanta sensitivitas BPP tenaga listrik terhadap variabel harga bahan bakar dan inflasi dan menghitung sensitivitas BPP tenaga listrik terhadap perubahan variabel harga bahan bakar dan inflasi..

Dari hasil analisa dapat ditarik kesimpulan bahwa komponen pembiayaan yang mempengaruhi besaran BPP sistem Sulseltrabar meliputi : biaya pembelian tenaga listrik dari perusahaan swasta, biaya bahan bakar, biaya pemeliharaan, biaya administrasi, biaya kepegawaian, biaya penyusutan dan biaya pinjaman. Model sensitivitas BPP tenaga listrik hanya terhadap dua variabel ekonomi makro saja yaitu variabel harga bahan bakar dan inflasi sementara itu sensitivitas BPP tenaga listrik terhadap variabel kurs dan suku bunga dianggap setara dengan nol. Nilai sensitivitas BPP sistem Sulseltrabar terhadap perubahan variabel harga bahan bakar dan inflasi dalam prosentase sebesar ± 3,26%.

Kata-kata Kunci : ***komponen BPP tenaga listrik ,Variabel ekonomi makro, analisa sensitivitas***

ABSTRACT

The aims of this research is to know the components of cost that influence the value of electric power system production costing, to make the model of sensitivity of electric power system production costing toward macroeconomic variable, in this case fuel cost and inflation rate variable, meanwhile interest rate and expense rate variable and costs other than generation cost is assumed constant, calculating the electric power system production costing sensitivity toward variable change of fuel cost and inflation rate, meanwhile expense rate , interest rate, and costs other than generation cost Sulseltrabar system is assumed constant.

This research is done with the following steps. Identifying the components of electric power system Sulseltrabar production costing, making the sensitivity model of electric power system production costing toward fuel cost variable and inflation rate, determining the value of constant electric power system production costing sensitivity toward fuel cost variable and inflation rate and calculating the sensitivity of electric power system production costing toward fuel cost variable and inflation rate.

From analysis result can be concluded that components of costs influencing the value of electric power production costing covers : the cost of electric power bought from private companies, fuel cost, maintenance cost, administration cost, officer cost, depreciation cost, and borrowing fee. The sensitivity model of electric power production costing is only two variable of macroeconomic in this case fuel cost variable and inflation rate, meanwhile the sensitivity of electric power production cost toward expense rate variable and interest rate are assumed the same as zero. The value of electric power Sulseltrabar system production costing sensitivity toward the variable change of fuel cost and inflation rate in percentage is more or less 3, 26 %.

Key words:Components electric power system production costing,macroeconomic variable, sensitivity analysis.