

**Analisa Investasi Interkoneksi Jaringan Listrik
Sugar Group Companies Provinsi Lampung**

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INTISARI

Penelitian dilakukan di Sugar Group Companies Lampung, Kabupaten Lampung Tengah dan Kabupaten Tulang Bawang. Tujuan Penelitian adalah untuk mengetahui keuntungan dan kelayakan investasi Interkoneksi Jaringan Listrik di Sugar Group Companies . Data yang diperoleh adalah sekunder tahun 2014 / 2015. Data yang didapat dianalisa secara descriptif dengan menggunakan rumus – rumus ekonomi meliputi NPV, Net B/C Ratio, IRR, PBP, BEP, dan Sensitivity analisis. Hasil penelitian diperoleh NPV sebesar Rp. 45.186.365.928,- Net B/C Ratio sebesar Rp. 1.322344, IRR sebesar 29,19395 %, BPB : 4 tahun 0,5 bulan, BEP terjadi saat TR=TC selama 10 tahun 2 bulan.

Analisa sensitivitasnya menunjukkan sensitive yaitu penurunan benefit sebesar 1% didapat nilai NPV sebesar Rp. 43.573.660.938,-, IRR = 28,914 %, B/ C Ratio = 1,3094, PBP = 4 tahun 0,95 bulan dan BEP = 10 tahun 4,3 bulan. Dan nilai cost turun 10 % didapat NVP = 33.463.929.559,-, IRR = 26,5838, B/ C Ratio = 1,257, PBP = 4 tahun 6 bulan dan BEP = 12 tahun 7,4 bulan.

Kata kunci = Analisa Investasi Interkoneksi Listrik

**Investation Analysis of Electrical Interconnection
Sugar Group Companies Lampung Proveny**

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ABSTRACT

Research was conducted in Sugar Group Companies at Lampung Tengah Regency and Tulang Bawang Regency. The purpose of this research was to examine the feasibility of this Investation of Electric Interconnection Sugar Group Companies . Secondary data was obtained on Year 2014 – 2015. The datas were analyzed by descriptive method with aplying Economic formula, namely Net Persent Value (NPV) Net Benefit Cost Ratio, (Net B/C Ratio), Internal rate of Return (IRR), Pay Back Period (PBP) Break Even Point (BEP) and sensitivity Analysis. Result showed thad Investation of “ Electric Inteconnection Sugar Group Companies” Cooperativ was feasible to be operated , based on the following criteria namely, RP. 45,186,365,928,- of NVP, 1,322344 of Net B/C Ratio, 29.19395 % of IRR, 4 Years 0.5 months of PBP, 10 Years 2 months of BEP.

Sensitivity analysis indicated the that 1% reduced in benefit drop NPV Rp. 43,573,660,938,- , IRR 28.914 % , and B/C R = 1.3094, PBP = 4 years and 0.95 month, and BEP = 10 years and 4.3 month. And sensitivity analysis indicated the cost increases 10 % in benefit drop NVP Rp 33,463,929,559,- and 26.5838 % of IRR and 1.257 Of BCR and PBP = 4 year and 6 month and BEP = 10 years and 7.4 month respectively.

Keywords : Analisis Investation Electrical Interconnection