

INTISARI

Kebijakan konversi minyak tanah ke gas LPG (Liquified Petroleum Gas) menimbulkan melambungnya permintaan gas lpg khususnya gas lpg 3 kg subsidi. Sesuai Peraturan Presiden No.104/2007 dan Peraturan Menteri ESDM No.21/2007 tentang Penyediaan, Pendistribusian, Dan Penetapan Harga Liquefied Petroleum Gas Tabung 3 Kilogram, bahwa LPG 3 kg hanya diperuntukkan bagi rumah tangga miskin dengan penghasilan di bawah Rp 1,5 juta dan kegiatan Usaha Kecil dan Mikro (UKM). Untuk memudahkan alokasi gas lpg 3 kg dari agen ke pangkalan supaya tepat sasaran dibutuhkan sebuah sistem pendukung keputusan berbasis web dengan PHP dan Mysql. Metode yang digunakan menggunakan metode Technique For Others Reference By Similarity To Ideal Solution (TOPSIS) salah satu metode pengambilan keputusan multikriteria untuk menentukan pemilihan alokasi gas lpg dari agen ke pangkalan sesuai kriteria yang ditentukan oleh agen. Dalam penelitian ini dihasilkan sebuah website sistem pendukung keputusan pemilihan alokasi gas lpg 3 kg dengan mengimplementasikan metode Technique For Others Reference By Similarity To Ideal Solution (TOPSIS).

Kata kunci: Liquified Petroleum Gas 3 kg , Technique For Others Reference By Similarity To Ideal Solution (TOPSIS), Sistem Pendukung Keputusan

ABSTRACT

The policy of converting kerosene to LPG (Liquified Petroleum Gas) causing the soaring demand for LPG gas especially LPG 3 kg subsidies. In accordance with Presidential Regulation No.104 / 2007 and Minister of Energy and Mineral Resources Regulation No.21 / 2007 concerning Provision, Distribution, and Pricing of 3 Kilogram Liquefied Petroleum Gas Cylinders, that 3 kg LPG is only for poor households with incomes below Rp 1.5 million and Small and Micro Business activities. To facilitate the allocation of 3 kg lpg gas from the agen to the sub-agen so that the right target is needed a web-based decision support system with PHP and Mysql. The method used for this case study is Technique For Others Reference By Similarity To Ideal Solution (TOPSIS) one of the multic Criteria decision making methods to determine the selection of LPG gas allocation from agen to sub agen according to criteria determined by the agen. The results of this research build a decision support system website for the selection of 3 kg lpg gas allocation by applying Other Reference Techniques with Similarity To Ideal Solution (TOPSIS) Method.

Keyword: Liquified Petroleum Gas 3 kg, Technique For Others Reference By Similarity To Ideal Solution (TOPSIS), Decision Support System