

ABSTRAK

ANALISIS UTILISASI GAS TRANSPORT MODULE COMPRESSED NATURAL GAS (CNG) PT. REETHAU CIPTA ENERGI

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Persaingan semakin kompetitif sehingga menuntut setiap perusahaan untuk mempunyai strategi yang tepat dalam memanfaatkan seluruh sumber daya secara efektif dan efisien untuk bertahan di dunia bisnisnya. *Value chain* yang efektif merupakan kunci keunggulan kompetitif (*competitive advantage*) yang dapat menghasilkan nilai tambah (*value added*). Kondisi pengaliran *Compressed Natural Gas* (CNG) dari *gas transport module* (GTM) ke daughter station masih menggunakan metode parking selama rata-rata 30 jam. Kondisi tersebut tidak optimal dari segi utilisasi *gas transport module* (GTM) *Compressed Natural Gas* (CNG).

Penelitian ini bertujuan untuk menganalisis rantai nilai khususnya terkait dengan Utilisasi GTM pada PT. Reethau Cipta Energi. Selanjutnya dilakukan analisis identifikasi utilisasi *Gas transport module* (GTM) di PT. Reethau Cipta Energi ke dalam aktifitas rantai nilai, melakukan analisis pada aktifitas rantai nilai

Hasil penelitan menunjukkan bahwa ada 3 faktor yang mempengaruhi utilisasi *Gas transport module* (GTM) yaitu, *idle time*, sizing GTM dan volume produksi. Analisis selanjutnya yaitu dengan mengimplementasikan metode dumping terbukti dapat menurunkan *idle time* dan biaya distribusi.

Kata Kunci: *Value chain*, *Compressed Natural Gas*, *Idle time*, *Gas transport module*

ABSTRACT

ANALYSIS OF COMPRESSED NATURAL GAS (CNG) GAS TRANSPORT MODULE UTILIZATION PT. REETHAU CIPTA ENERGI

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Competition is increasingly competitive so it requires every company to have the right strategy in utilizing all resources effectively and efficiently to survive in the business world. An effective value chain is the key to competitive advantage (competitive advantage) that can generate added value (value added). The condition of flowing Compressed Natural Gas (CNG) from the gas transport module (GTM) to the daughter station still uses the parking method for an average of 30 hours. This condition is not optimal in terms of gas transport module (GTM) utilization of Compressed Natural Gas (CNG).

This study aims to analyze the value chain specifically related to GTM Utilization at PT. Reethau Cipta Energi. Furthermore, an analysis of Gas Transport Module (GTM) utilization at PT. Reethau Cipta Energi into value chain activities, analyzes the value chain activities

The research results show that there are 3 factors that influence the utilization of the Gas Transport Module (GTM), namely, idle time, GTM sizing and production volume. Further analysis, namely by implementing the dumping method, is proven to reduce idle time and distribution costs.

Keywords: Value Chain, Compressed Natural Gas, Idle time, Gas Transport Module