

ABSTRACT

This research will implement wavelete and hidden markov model method to predict how many percent of liquefied fuel will be increase or decrease. wavelet model is used to eliminate noise of price's data and hidden markov model is used at prediction process.

At this research, the highest accuration accepted is 85% but for mean accuration is 66%. this result get using scale 3 wavelet's, soft threshold, interval 0.1, using domain 5 and using 4 state with ten times trial for every iteration

Kata kunci: *liquefied gas for vehicle*, prediction, *wavelet transformation*, *hidden markov model*