

COGNITION AND UNDERSTANDING OF THE CAR'S OWNER IN NONTHABURI ON THE RENEWABLE FUELS USAGE

Chitlada Prommakorn¹, Patcharanan Sritanauthaikorn²

¹ Department of Information Technology and Computer Business, Faculty of Business Administration and Information Technology, Rajamangala University of Technology Suvarnabhumi

² Department of Electrical and Engineering, Faculty of Engineering and Architecture, Rajamangala University of Technology Suvarnabhumi

Abstract

This research aimed to study the cognition and understanding level of the car's owner in Nonthaburi province on the renewable fuels usage. The main objective was to study the cognition and understanding levels of car ownership in Nonthaburi province to use renewable fuels. The research tool was the self-administered questionnaire. The samples group was 400 car owners in Nonthaburi province who used gasohol for their cars. The statistics used in the analysis were percentage, mean, standard deviation, t-test and variation analysis.

The study found that the owner's cognition and understanding levels of the renewable fuels usage is high. The cognition on the alternative energy usage including: benzene, diesel, natural gas, petroleum and electric (or hybrid cars), is high in all types.

Keywords: alternative energy, renewable fuels, Natural gas, Gasohol