

3937264 SHED/M : MAJOR : ENVIRONMENTAL EDUCATION; M.Ed.  
(ENVIRONMENTAL EDUCATION)

KEY WORDS : ELECTRICAL ENERGY CONSERVATION/EMPLOYEE  
PARTICIPATION

EKACHAI SUNTORNPAS : THE PARTICIPATION OF BANGKOK AVIATION  
FUEL SERVICES PUBLIC CO., LTD.'S EMPLOYEES IN ELECTRICAL ENERGY  
CONSERVATION. THESIS ADVISORS : PATTARABOON PICHAYAPAIBOON, Ed.D.  
RACHANONT SUPPHAPONGPICHATE, Ph.D. SUPACHAI SUKKARAWAN, M.S. 140 p.  
ISBN 974-663-607-3

The purpose of this research was to study Bangkok Aviation Fuel services public Co. Ltd., 's employees' level of participation in electrical energy conservation. The participation was measured by employees performing certain conservation tasks such as turning off machines when not in use. This research also studied the relationship between employee participation and the following factors: sex, age, level of education, position, years of work, the employees' own home electricity expenses, information received and previous knowledge of electric energy conservation.

The subjects of this study were 233 employees who work in Bangkok Aviation Fuel Services Public Co., Ltd. Data were collected with the questionnaire. Statistical techniques used in analyzing data were percentage, mean, standard deviation and chi-square test. The findings of the study were summarized as follows :

Most of the employees had a moderate level of participation. Participation associated factors that were statistically significant included amount of general information received concerning electrical energy in Thailand, the policy of the government in electrical energy conservation and previous knowledge concerning electrical energy conservation.

It is recommended that there should be more support and media campaigns to provide knowledge about the necessity of electric energy conservation. Information about proper participation in electrical energy conservation should be aimed at employees. There should also be a continuous mass media public relations program for employees to motivate them to recognize the causes and effects of electrical energy loss.