



Independent Study Title	The Factors which Affect Provincial Electricity Authority's Optical Fiber Network Knowledge and Attitude of Employees : Case Study of Provincial Electricity Authority Central Region (Ayutthaya) Area 1
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### **ABSTRACT**

The objective of this study was to investigate factors affecting knowledge and attitudes of Provincial Electricity Authorities on optical fiber network. The case study was conducted with Provincial Electricity Authority, Central Region (Ayutthaya) Area 1. The samples were mostly working as technicians, aged 29 - 35 years, bachelor degree, work period averagely 11 - 20 years, location of work office in Pathumthani Province, never have experience in training about optical fiber network and work at location that have optical fiber network averagely 1 – 5 times per month. The tool were questionnaires questioning personal data, experiences, knowledge and attitudes. All data were analyzed by One-Way ANOVA. The result was statically significant at 0.05. The result revealed that the factors affecting the knowledge were educations, work period, work position, location of work office, training experiences on optical fiber network, and work experiences on optical fiber network. The factors affecting the attitudes were education, work position, location of work office, and work experiences on optical fiber network.