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ABSTRACT

This thesis discuss about renewable energy development in addressing the problems of energy security and environmental security in Canada. Canada as one country who care about energy security and environmental security, trying to resolve the problems that caused by conventional energy. Conventional energy inflict problems to environmental that make gas carbon emission which is then pushed global warming and air pollution. Inability of conventional energy which can not be renewable realize Canada to guarantee their energy supply in the future. This problems pushed Canada to be formed policy about renewable energy development and then encourage the establishment of Ecoenergy program. Ecoenergy program have a mission to resolve environmental problems and to guarantee Canada's energy supply by developing and using renewable energy. Ecoenergy have six sub – programs, Ecoenergy for Renewable Power, Ecoenergy Innovation Initiative, Ecoenergy Technology Initiative, Ecoenergy for Renewable Heat, Ecoenergy for Biofuels and Ecoenergy Biofuels Capital Initiative. Canada also make Ecoenergy as basis in joint international cooperation to developing renewable energy at Asian – Pacific Partnership on Clean Development and Climate Change Program and U.S – Canada Clean Energy Dialogue Program. Through all of this, Ecoenergy is a program that can make Canada resolve energy security and environmental security problems at the same time.