

The Cost of Wind Power in Ontario: A look at the competitive feasibility of wind generated electricity and the current FIT program

by

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Abstract

Installed wind capacity has increased drastically in recent decades due to the societal shift and increased value placed on alternatives to minimize environmental damage and to provide sources of renewable energy. The province of Ontario has invested substantially in new wind projects and has introduced a Feed-in-Tariff program in order to encourage further investment. The aim of this paper is to determine the societal cost of wind generated electricity, the subsequent drop in emissions, and whether there is evidence to suggest that its operation is viable at the prevailing market prices.