

# The Power of ThunderWind

## A RETScreen Analysis



www.AeolisWind.com

### Data Source

The **RETScreen Clean Energy Project Analysis Software** is a unique decision support tool developed with the contribution of numerous experts from Resource Canada, industry, and academia. The software, provided free-of-charge, can be used worldwide to evaluate the energy production and savings, costs, emission reductions, financial viability and risk for various types of Renewable-energy and Energy-efficient Technologies (RETs). The software (available in multiple languages) also includes product, project, hydrology and climate databases, a detailed user manual, and a case study based college/university-level training course, including an engineering e-textbook.

<http://www.retscreen.net/ang/home.php>

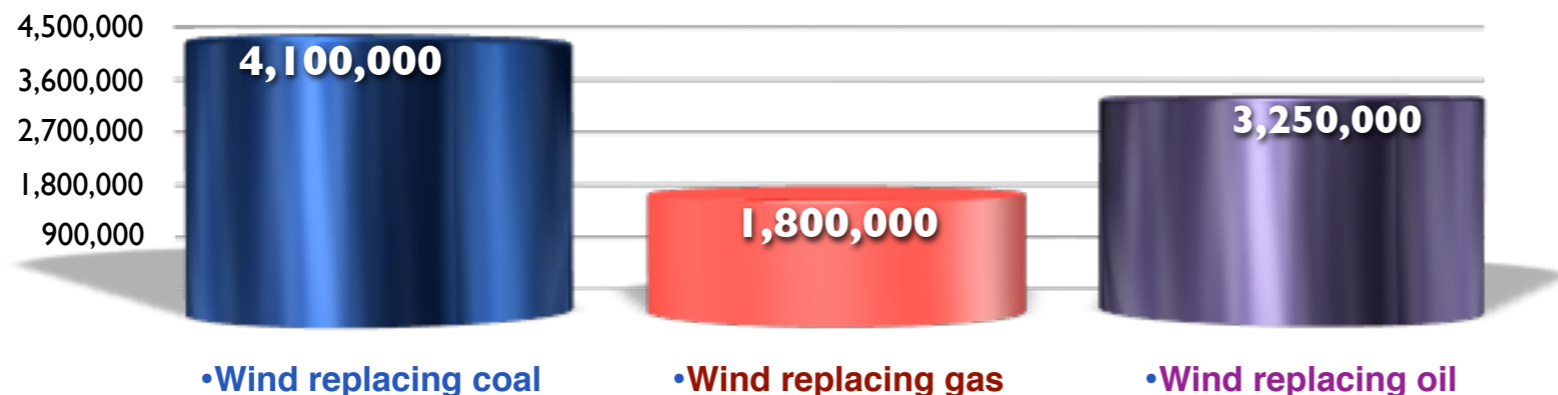


4,500,000 MWh of electricity per year

### Key numbers

Substituting 1,400 MW of wind-generated electricity from Aeolis Wind's ThunderWind project for the equivalent amount of fossil-fuel-generated electricity greatly reduces CO<sub>2</sub> emissions and fuel consumption.

### Tonnes of CO<sub>2</sub> emissions reduced/year



### Gasoline saved (litres)



• 1.8 billion

### Crude oil saved (barrels)



• 9 million

### Cars & light trucks taken off the road



• 715,000