



Noble Thumb Windpark

The Noble Thumb Windpark will consist of 106 wind turbines situated in farmland in Huron and Sanilac Counties, Michigan. Thumb Phase I will provide 69 MW of clean renewable energy and Thumb Phase II will provide 90 MW. Construction of Phase I is expected to commence in 2008 and Phase II is scheduled for 2009. In preparation for our expansion in the Michigan renewables market, Noble has acquired over 25,000 acres of land rights and is currently working to gain access to transmission lines.

Why Huron County?

- ▶ This area has the right resources to support a viable windpark: plenty of wind, open land, and electric transmission capacity. Windparks are compatible with, complement, and help preserve existing agricultural land uses.

Economic benefits

- ▶ It is estimated that more than **\$8.3 million in property tax payments** will be made over a 20-year period.
- ▶ Approximately 200 new construction jobs will be created for up to one year, as well as 10 permanent operational jobs.
- ▶ **Hundreds of thousands of dollars in easement payments** will be made to landowners **each year**.

Environmental benefits

- ▶ The Noble Thumb Windpark will displace or eliminate **thousands of tons of power plant pollution every year**.
- ▶ It would take about **183,600 tons of coal every year** to generate the same energy we'll get from the Noble Thumb Windpark. Over twenty years, that's enough to fill a **417 mile long coal train**.

Energy benefits

- ▶ The Noble Thumb Windpark project can generate enough clean energy for **53,000 homes**.
- ▶ Wind power can help slow the rate of increase of electricity prices.
- ▶ Wind power isn't affected by fuel costs, and therefore reduces volatility in electric prices.