

**Mike's approximator for wind energy return**

<b>Min/Max</b>		
10/150	Turbine Quantity	100
2/3	Turbine Size MW	2.3
.20/.40	Efficiency	0.35
	Production MWh/year	705,180
\$50/\$90	Sales \$/MWh	90
	Sales per annum	\$63,466,200
1.5/3.5	Cost/MW ratio	2.5
	Construction Cost	\$575,000,000
.06/.15	Finance Cost	0.085
5,10,20,30	No. of Years Loan	20
	Annual Payments	\$60,760,810

<b>Min/Max</b>		
	<b>Years 1-5</b>	
0/.40	Tax Bracket	0.3
	Annual Depreciation	\$115,000,00
	Net Return	\$40,250,00
	<b>Years 1-10</b>	
\$15/\$25	PTC/MWh	2
	PTC Return/Yr	\$14,103,60
.03/.07	Ops & Maint.	0.0

**Note: Only input in the yellow fields, read results in blue fields**

	Years 1-5	Years 6-10	Years 11-20	Years 20-30	Tot. Yield-30 y
Annual Sales	\$63,466,200	\$63,466,200	\$63,466,200	\$63,466,200	\$1,903,986,00
PTC	\$14,103,600	\$14,103,600			\$141,036,00
Tax Benefit	\$40,250,000				\$201,250,00
<b>Total Return</b>	<b>\$117,819,800</b>	<b>\$77,569,800</b>	<b>\$63,466,200</b>	<b>\$63,466,200</b>	<b>\$2,246,272,00</b>
Finance Paymnts	\$60,760,810	\$60,760,810	\$60,760,810	\$0	\$1,215,216,20
Ops & Maint.	\$3,173,310	\$3,173,310	\$3,173,310	\$3,173,310	\$95,199,30
<b>Total Costs</b>	<b>\$63,934,120</b>	<b>\$63,934,120</b>	<b>\$63,934,120</b>	<b>\$3,173,310</b>	<b>\$1,310,415,50</b>
<b>Net to Investor</b>	<b>\$53,885,680</b>	<b>\$13,635,680</b>	<b>\$-467,920</b>	<b>\$60,292,890</b>	<b>\$935,856,49</b>
	Avg 20 yr annual return		\$16,646,380		
	Avg 30 yr annual return		\$31,195,216		