



CLEAN AIR
CONSERVANCY

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REGI CO₂ BUDGET TRADING PROGRAM

SELECT COMMENTS ON DRAFT MODEL RULE

AS RELEASED MARCH 23, 2006

Positive "Value Compared" implies that \$5/mton of CO2e is more valuable than the Option being compared.

Base Formula

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \\ & 1000 \times & \text{Vari} & = & \# \text{VALUE!} \times & \$5 = & \# \text{VALUE!} \end{array}$$

Mix SPP/MAPP TRCs (\$1.50/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.648 = & 0.648 \times & \$5 = & \$3.24 - & \$1.50 = & \$1.74 \end{array}$$

Wind - CA TRCs (\$6.00/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.275 = & 0.275 \times & \$5 = & \$1.38 - & \$6.00 = & (\$4.63) \end{array}$$

Wind - SPP TRCs (\$4.50/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.648 = & 0.648 \times & \$5 = & \$3.24 - & \$4.50 = & (\$1.26) \end{array}$$

Wind - WECC TRCs (\$4.00/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.203 = & 0.203 \times & \$5 = & \$1.02 - & \$4.00 = & (\$2.99) \end{array}$$

MA "New" RECs (\$52.50/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.579 = & 0.579 \times & \$5 = & \$2.90 - & \$52.50 = & (\$49.61) \end{array}$$

NJ Class I RECs (\$8.00/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.32 = & 0.32 \times & \$5 = & \$1.60 - & \$8.00 = & (\$6.40) \end{array}$$

NJ Class II RECs (\$1.75/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.32 = & 0.32 \times & \$5 = & \$1.60 - & \$1.75 = & (\$0.15) \end{array}$$

CT Class I RECs (\$7.75/MWh)

$$\begin{array}{ccccccc} \text{MWh} & & \text{Conversion} & \text{mton} & & \text{\$/mtonCO2e} & \text{\$/MWh} & \text{Value Compared} \\ & 1 \times & 0.446 = & 0.446 \times & \$5 = & \$2.23 - & \$7.75 = & (\$5.52) \end{array}$$

CT Class II RECs (\$0.55/MWh)

MWh	Conversion	mton	\$/mtonCO ₂ e	\$/MWh	Value Compared
1 x	0.446 =	0.446 x	\$5 =	\$2.23 - \$0.55 =	\$1.68

ME RECs (\$0.30/MWh)

MWh	Conversion	mton	\$/mtonCO ₂ e	\$/MWh	Value Compared
1 x	0.386 =	0.386 x	\$5 =	\$1.93 - \$0.30 =	\$1.63

Texas RECs (\$9.50/MWh)

MWh	Conversion	mton	\$/mtonCO ₂ e	\$/MWh	Value Compared
1 x	0.664 =	0.664 x	\$5 =	\$3.32 - \$9.50 =	(\$6.18)

MD Tier I RECs (\$2.00/MWh)

MWh	Conversion	mton	\$/mtonCO ₂ e	\$/MWh	Value Compared
1 x	0.62 =	0.62 x	\$5 =	\$3.10 - \$2.00 =	\$1.10

MD Tier II RECs (\$1.25/MWh)

MWh	Conversion	mton	\$/mtonCO ₂ e	\$/MWh	Value Compared
1 x	0.62 =	0.62 x	\$5 =	\$3.10 - \$1.25 =	\$1.85