

# ROCIS

## Economic Data

### COMMERCIAL REFRIGERATION EQUIPMENT ENERGY CONSERVATION STANDARDS (Final Rule version)

Category	Primary Estimate	Low Estimate	High Estimate	Year (Dollars)	Units (Discount)	Period Covered (inclusive)	Notes
<b>Benefits*</b>							
Annualized Monetized \$millions/year	229	218	240	2007	7%	51	Annualized monetized operating cost savings for the period 2012-2062
	250	239	262	2007	3%	51	
Annualized Quantified	1.61 CO2 (Mt)	1.62 CO2 (Mt)	1.61 CO2 (Mt)	2007	7%	31	Annualized discounted emissions reductions corresponding to annualized quantified energy savings of 0.027 quads (primary), 0.027 quads (low), 0.027 quads (high)
	2.36 NOx (kt)	2.37 NOx (kt)	2.35 NOx (kt)	2007	7%	31	
	0 SO2 (kt)	0 SO2 (kt)	0 SO2 (kt)	2007	7%	31	
	1.67 CO2 (Mt)	1.68 CO2 (Mt)	1.67 CO2 (Mt)	2007	3%	31	Annualized discounted emissions reductions corresponding to annualized quantified energy savings of 0.031 quads (primary), 0.031 quads (low), 0.031 quads (high)
	2.68 NOx (kt)	2.69 NOx (kt)	2.66 NOx (kt)	2007	3%	31	
	0 SO2 (kt)	0 SO2 (kt)	0 SO2 (kt)	2007	3%	31	
Qualitative							
<b>Costs**</b>							
Annualized Monetized \$millions/year	-95	-95	-94	2007	7%	51	Annualized Monetized Incremental Costs for the period 2012-2062
	-80	-80	-79	2007	3%	51	
Annualized Quantified							
Qualitative							

\* Operating cost savings and emission reductions shown as positive.

\*\* Incremental Costs shown as negative

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	250	239	262	2007	3%	51	
Annualized Quantified	1.61 CO2 (Mt)	1.62 CO2 (Mt)	1.61 CO2 (Mt)	2007	7%	31	Annualized discounted emissions reductions corresponding to annualized quantified energy savings of 0.027 quads (primary), 0.027 quads (low), 0.027 quads (high) for the period 2012-2042
	2.36 NOx (kt)	2.37 NOx (kt)	2.35 NOx (kt)	2007	7%	31	
	0 SO2 (kt)	0 SO2 (kt)	0 SO2 (kt)	2007	7%	31	
	0.041 Hg (t)	0.041 Hg (t)	0.041 Hg (t)	2007	7%	31	Annualized discounted emissions reductions corresponding to annualized quantified energy savings of 0.031 quads (primary), 0.031 quads (low), 0.031 quads (high) for the period 2012-2042
	1.67 CO2 (Mt)	1.68 CO2 (Mt)	1.67 CO2 (Mt)	2007	3%	31	
	2.68 NOx (kt)	2.69 NOx (kt)	2.66 NOx (kt)	2007	3%	31	
	0 SO2 (kt)	0 SO2 (kt)	0 SO2 (kt)	2007	3%	31	
	0.043 Hg (t)	0.043 Hg (t)	0.043 Hg (t)	2007	3%	31	
Qualitative							
<b>Costs**</b>							
Annualized Monetized \$millions/year	-95	-95	-94	2007	7%	51	Annualized Monetized Incremental Costs for the period 2012-2062
	-80	-80	-79	2007	3%	51	
Annualized Quantified							
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