
EMISSIONS REPORT - HERS

Date:	June 22, 2010	Rating No.:	2451775
Building Name:	67204 (WO)	Rating Org.:	Cenergy LLC
		Phone No.:	515-710-9710
		Rater's Name:	Erin R Wiggins
		Rater's No.:	EERA 245
Builder's Name:	DPO Construction		
Weather Site:	Des Moines, IA	Rating Type:	Verified Condition
File Name:	2451775 eStar TC NR rem 12.84 1305 Skylark Dr	Rating Date:	3-3-10

Total Emissions

	<i>REFERENCE</i>	<i>67204 (WO)</i>	<i>Difference</i>	<i>% Difference</i>
Type of Emissions				
Carbon Dioxide (CO2) - tons/year	25.5	11.6	13.9	54.4%
Sulfur Dioxide (SO2) - lbs/year	167.8	76.6	91.3	54.4%
Nitrogen Oxides (NOx) - lbs/year	92.1	42.0	50.1	54.4%

Emissions By End-Use

	<i>REFERENCE</i>	<i>67204 (WO)</i>	<i>Difference</i>	<i>% Difference</i>
Carbon Dioxide (CO2) - tons/year				
Heating	13.0	2.1	10.9	83.8%
Cooling	1.9	0.5	1.4	74.8%
Water Heating	2.6	2.1	0.5	19.7%
Lights & Appliances	8.1	7.0	1.1	13.1%
Photovoltaics	0.0	0.0		
Sulfur Dioxide (SO2) - lbs/year				
Heating	85.6	13.9	71.7	83.8%
Cooling	12.4	3.1	9.3	74.8%
Water Heating	16.8	13.5	3.3	19.7%
Lights & Appliances	53.0	46.1	7.0	13.1%
Photovoltaics	0.0	0.0		
Nitrogen Oxide (NOx) - lbs/year				
Heating	47.0	7.6	39.4	83.8%
Cooling	6.8	1.7	5.1	74.8%
Water Heating	9.2	7.4	1.8	19.7%
Lights & Appliances	29.1	25.3	3.8	13.1%
Photovoltaics	0.0	0.0		

Site-to-source energy multipliers and air emission data were taken from the US EPA eGRID2007 database.