

## Actual Emissions (tons/year)

Source: 2007 Title V Annual Emissions Summary/Fee

	<b>Elk Run Energy Station at 100% capacity*</b>	<b>Elk Run Energy Station at 50% capacity</b>	<b>Cedar Falls Municipal Electric Utility</b>	<b>UNI Power Plant</b>
<b>Particulate Matter (PM)</b>	961	480.5	218.03	21.66
<b>Particulate Matter 10 (PM10)</b>	862	431	41.63	21.67
<b>Particulate Matter 2.5 (PM2.5)</b>	not available	not available	8.22	21.67
<b>Sulfur Dioxide (SO2)</b>	2889	1444.5	1578.54	855.60
<b>Nitrogen Oxides (NOx)</b>	1704	852	508.94	142.42
<b>Carbon Monoxide (CO)</b>	4852	2426	48.24	34.96
<b>Volatile Organic Compounds (VOCs)</b>	117	58.5	2.17	1.62
<b>Lead</b>	0.37	0.185	0.04	0.03
<b>Mercury</b>	0.054	0.027	less than 0.005	Less than 0.005
<b>Carbon Dioxide (CO2)</b>	6,600,000	3,300,000	176, 716**	114,649**

\* Source: Prevention of Significant Deterioration Air Construction Permit Application for the Elk Run Energy Station

\*\* Source: DNR's "2007 Greenhouse Gas Inventory from Select Iowa Sources."