

Minnesota Power's Comments on Environmental Disclosure

November 26, 2001

Place	Proposed Change	Reason(s)
Overall	Version 2 is preferred over Version 1.	Version 2 is more reader friendly. Text should use a serif font versus a sans serif font.
Front cover	Your Electricity: Costs <u>Fuel</u> Sources Environmental Effects <u>Your</u> Choices plus Company logo	"Costs" was removed because the technical workgroup chose not to include an absolute cents/kWh value, or even a relative H/M/L rating. The workgroup instead proposed to have each utility rank their generation sources, from lowest to highest, according to costs. "Fuel" was added before "Sources" for clarification. "Your" was added before "Choices" to ensure that the reader understands that the brochure discusses <u>customer</u> choices, not <u>utility</u> choices. The new wording also parallels with the word "Your" before "Electricity."
Introductory paragraph, inside brochure	We <u>You</u> need energy, but our <u>your</u> energy use affects our <u>the</u> environment. Fuels used to generate electricity have different costs, reliability <u>availability</u> , and environmental effects. You can help the environment by using energy more efficiently!	Wording is consistent with the front cover text. "Availability" is a broader term that encompasses both reliability from a O&M standpoint as well as accessibility to the fuel source.
Pie Chart	Introductory text - How are our <u>is your</u> electricity needs met? [name of company] Label - Certain Purchases Label - Hydro power	Wording is consistent with the front cover text. Also, the pie chart shows how retail customer's needs are met, not the utility's needs (i.e., it does not represent the fuel sources used for the utility's entire customer base). It is already clear that all information relates to the utility identified on the front cover. These are really the purchases for which we are <u>not</u> certain of the fuel source (though I couldn't think of a better word either). Space between words is consistent with the emissions text.

	<p>Footnote - These purchases come from many various fuel sources throughout the region.</p> <p>Cost/Reliability Table</p>	<p>Wording better reflects many different fuel sources.</p> <p>Replace with ranking of generation sources according to costs.</p>
Emissions Charts and Text	<p>Chart 1 Heading - Emissions by fuel types;</p> <p>Both Charts - Place emission data in both charts in the same order. Color-code emissions the same in both charts. Either abbreviate or write out emission labels (e.g. use CO₂ or carbon dioxide).</p> <p>Emissions Text -</p> <p>Add statement regarding use of each fuel source (e.g., “Minnesota Power does not use nuclear power to generate electricity”).</p> <p><u>Wind power ...</u></p> <p>Large<u>New</u> hydro power....new hydro power development.</p> <p>Indent wind, hydro and solar text underneath opening line.</p>	<p>Wording is consistent with the heading for Chart 2.</p> <p>Increases understandability/readability.</p> <p>Although Minnesota Power has a few minor changes to the wording, we agree with the technical workgroup that this language is preferable to the earlier language stating health impacts of various emissions. The workgroup recognized that health impacts are dependent on emission concentration and exposure level. As the workgroup agreed, text regarding health impacts would be misleading to customers.</p> <p>Added wording eliminates any confusion as to what fuel sources are actually used by the utility in meeting the needs of customers (i.e., consistency with pie chart).</p> <p>Added statement on wind power is consistent with the opening line “Wind, hydro and solar power...”</p> <p>Statement is more applicable to new versus large hydro facilities.</p> <p>These statements belong under the opening line.</p>
Contacts	<p>Please visit www.pca.state.mn.us, or call <u>Contact the Minnesota Pollution Control Agency</u> at 651-297-2274 or 800-646-6247 or visit www.pca.state.mn.us for more information.</p>	<p>Wording identifies the agency.</p>
Back of Brochure	<p>What can I<u>you</u> do?</p> <p>Contacts</p>	<p>Wording is consistent with the front cover text.</p> <p>Use same format as above.</p>