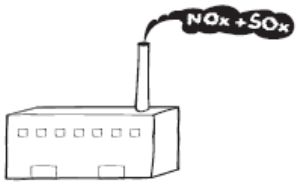
ENVIRONMENTAL FOOTPRINT COMPARISON TOOL

A tool for understanding environmental decisions related to the pulp and paper industry



EMISSIONS TO AIR

EFFECTS OF DECREASED ENERGY CONSUMPTION ON EMISSIONS TO AIR

NOx

NO_X can be formed from the nitrogen in fuel or from nitrogen in the air during the combustion process. Other things being equal, therefore, emissions of NO_X may increase as the amounts of fuel increase. Research has shown, however, that NO_X emissions are usually more related to combustion conditions; thus, unless combustion conditions become more favorable to NO_X formation as fuel use is decreased (which is unlikely), NO_X emissions should remain constant or decrease as fuel use decreases.

Understanding the actual impacts of energy conservation on NO_X emissions requires understanding the specific situation at the mill where the reductions are taking place. More information on NO_x can be found in the SO_x and NO_x tab of this website.