

Management of sulphur dioxide emissions from the Holyrood thermal generating station

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Newfoundland and Labrador Hydro (Hydro) owns and operates a 500 megawatt thermal generating station (HGS) near Seal Cove on the shore of Conception Bay, Newfoundland. HGS consists of three units and burns Bunker C fuel to generate electrical energy. Combustion products are

emitted through three stacks and include: sulphur dioxide, particulate matter, nitrous oxides, carbon dioxide, and carbon monoxide. Hydro has management and tracking programs associated with these emissions. Programs related to sulphur dioxide emissions will be discussed in further detail.