



Donaldson
Filtration Solutions

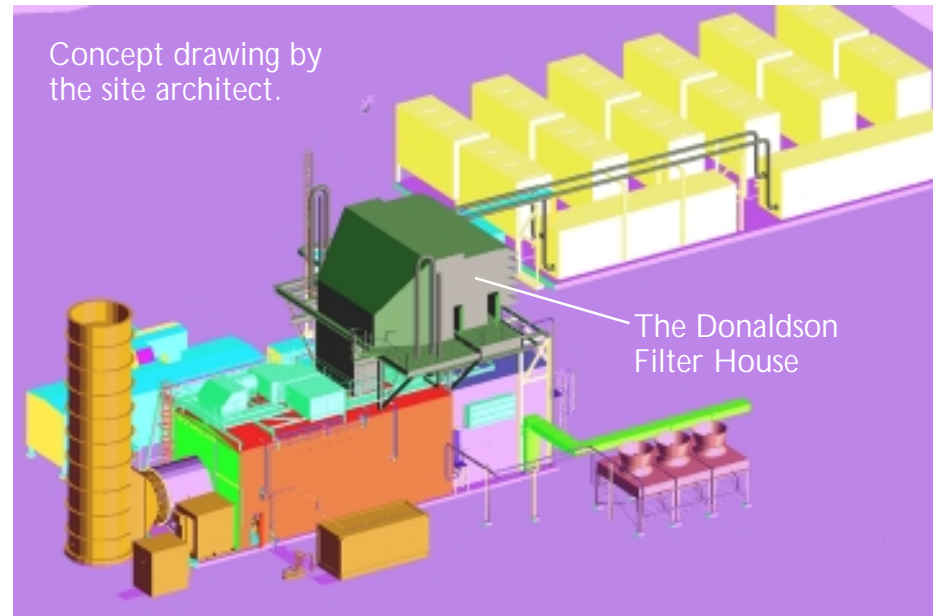
Site: near Minneapolis, Minnesota USA

Turbine: Alstom, model GTX100, 43 MW.

This is the first of this model sold in North America.

Filter: **GDX**, 4Wx9H

Enhancement: Chiller coil



Project Specifications

Alstom GTX100 Gas Turbine Generator

Dual Fuel Unit	Natural Gas	Fuel Oil #2
Nominal Power	43,000 kW	41,400 kW
Heat Consumption	9215 Btu/kWh	9405 Btu/kWh
Fuel Consumption	396.25 Mcf/hour	2821 Gallons/hour
Thermal Efficiency	37%	36.3%
Exhaust Temperature	1014° F	1018° F

Sound Level	85 dBa near field (3.3 ft outside enclosure)
Generator Voltage	13.8 kV