YUKON
ENERGY

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Our File: 2/ 2703-05-04

February 16, 2009

Yukon Utilities Board
P.O. Box 31728
Whitehorse, YT
Y1A 6L3

Attention: Ms. Wendy Shanks, Chair

Dear Ms. Shanks:

Re: YEC Quarterly Outage Report - 2008 Q4

Please find attached the YEC quarterly outage reports for the fourth quarter of 2008. This information is provided pursuant to the filing requirements of the 1996/7 settlement agreement and corresponding Board Order.

If you have any questions regarding the content within this report please do not hesitate to contact the undersigned.

Yours truly,

Tom Debolt
Revenue and Financial Analyst
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393-5348

Enclosure

CC via email : Jerome Babyn, YECL
Craig Steinback, YECL

YUKON ENERGY

Outage / Disturbance Report
October 2008

Date	Location	Number of Customers Affected	Cause	Duration (Outage to Restoration)	Comments
Oct 5/08	WAF	448	Loss of Generation	50 minutes	Loss of WH4 generation resulted in a complete system outage. WH4 failure is suspected to be a governor issue, possibly a stuck proportional valve. The SCC operator received a WH4 governor status alarm prior to the trip which indicates a governor related issue. Update: The cause of this and the following outages related to WH4 was investigated by L&S (governor specialists); the failure was a cartridge valve in the governor manifold. The new manifold does not use these types of valves.
Oct 5/08	Dawson	5	Unknown	20 minutes	A customer called reporting the outage; the line tech was unable to determine the cause of event and re-fused the tap.
Oct 7/08	Mayo	2	Unknown	30 minutes	A customer called reporting the outage; the line tech was unable to determine the cause of event and re-fused the tap.
Oct 9/08	Elsa Line	16	Unknown	1 minute	The line feeder breaker tripped, SCC successfully re-closed the breaker. No definitive cause found for this event. Weather was clear and -3 C at the time.
Oct 9/08	Elsa Line	16	Unknown	>1 minute	The line feeder breaker tripped, SCC successfully re-closed the breaker. No definitive cause found for this event. Weather was clear and -5 C at the time.
Oct 12/08	WAF	448	Loss of Generation	1 hour, 7 minutes	Loss of WH4 generation resulted in a complete system outage. WH4 failure is suspected to be a governor issue, possibly a stuck proportional valve. The SCC operator received a WH4 governor status alarm prior to the trip which indicates a governor related issue. Update: The cause of this and the following outages related to WH4 was investigated by L&S (governor specialists); the failure was a valve in the governor manifold. The new manifold does not use these types of valves.
Oct 13/08	WAF	448	Loss of Generation	2 hours, 35 minutes	The WH3 digital governor lost its gate position indication causing the unit to shutdown, the unit breaker tripped on reverse power (timed). In combination with the loss of generation from WH3 and the reverse power (> 9 Mw) the unit absorbed, the system frequency dropped enough to initiate the under-frequency protected breakers to trip. This load loss was not enough to recover the system frequency, both Aishihik units tripped off line. The system restoration was longer than normal due to WH4