



The Yukon Electrical Company Limited  
An ATCO Company

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April 14, 2010

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

Attention: Shay Smart, Yukon Utilities Board Secretariat

Dear Shay:

Re: Service Interruptions

In accordance with Board Decision 1989-5, attached is the summary of major outages for the months of January, February and March 2010. A major outage has, for the purposes of these reports, been defined as an interruption of any length involving either a significant number of customers or a small community.

Please contact me at 633-7003, if you require any additional information or clarification.

Yours sincerely,

THE YUKON ELECTRICAL COMPANY LIMITED

*For* Jerome Babyn,  
General Manager

JB:cm  
Encl.

YUBlyubou10

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*Serving the Yukon since 1901*

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SUMMARY OF MAJOR OUTAGES

JANUARY	TIME/24HR	COMMUNITY/& or DISTRICT	AREA	NUMBER OF CUSTOMERS	DURATION - hours & minutes	CAUSE	DIR #
10th&11th	22:57 to 23:15 & 02:00	HAINES JUNCTION	Destruction Bay	147&3	00:18 & 03:03	Plant was tripping off due to a blown fuse at S1638 caused by hoarfrost. Cleared & refused.	TGG00185
22nd	04:35 to 13:30	HAINES JUNCTION	Destruction Bay	150	00:01 to 00:06	Thirteen brief outages experienced throughout the day when the plant feeders tripped off line due to frost on the line. Cleared & refused. Plant would restore power until frost would trip it off again. Serviceman worked to clear frost from the lines.	TGG00186
14th	06:56 to 06:57	OLD CROW	Old Crow	189	00:01	Plant feeders tripped off line on under frequency during plant computer switching, restored by plant computer system.	PTM00079
15th	07:15 to 07:16	OLD CROW	Old Crow	189	00:01	Plant feeders tripped off line on under frequency when second unit started. Local operator found primary fuel filter restricted. Filter replaced to correct the issue.	PTM00080A
21st	16:08 to 16:12	STEWART CROSSING	Stewart Crossing	31	00:04	Loss of Supply from Yukon Energy Corporation when Mayo/Dawson line tripped off. Plant picked up load.	PTM00081A
09th	10:10 to 10:21	WATSON LAKE	Lower Post, Upper Liard & Watson Lake	92, 120, 758	00:09 to 00:11	System outage from a fault on the main line due to frost and snow	BRR00088
14th	10:00 to 11:30	WHITEHORSE	N Klondike Hwy	185	01:30	Planned outage for maintenance and new construction	BSP00174
28th	13:45 to 14:20 & 15:40	WHITEHORSE	Mi 930 Old Alaska Hwy	180 & 2	00:35 & 01:55	Wind knocked snow off the line blowing a fuse opening OCR S6841. Refused, additional tap required refusing for 2 customers	RTW00178

SUMMARY OF MAJOR OUTAGES

FEBRUARY	TIME	COMMUNITY/& or DISTRICT	AREA	NUMBER OF CUSTOMERS	DURATION - hours & minutes	CAUSE	DIR #
27th	16:03 to 16:09	CARMACKS	Carmacks	291	00:06	Loss of Supply when Yukon Energy Corporation experienced a line fault causing OSS for Carmacks to trip, brief outage until diesel back up picked up the community.	PTM00092
25th	03:03 to 06:00	HAINES JUNCTION	Canyon Creek	32	02:57	Planned power outage by YEC on L355, YEC was unable to re energize after scheduled 1 hour, causing extended outage to YECL customers	PTM00090
2nd	09:09 to 09:14	KENO CITY	Keno City	56	00:05	Loss of Supply when YEC Mayo/Dawson line tripped off causing outage to YECL customers in Keno. Cause unknown at the time.	DRR00198
27th	16:03 to 16:37	PELLY CROSSING	Pelly Crossing	177	00:34	Loss of Supply when YEC experienced a line fault causing OSS for Pelly to trip, brief outage until diesel back up picked up the community.	PTM00091
23rd	09:26 to 09:29	ROSS RIVER	Ross River	218	00:03	Loss of Supply when YEC experienced a line fault causing OSS for Ross River to trip, brief outage until diesel back up picked up the community.	PTM00089
27th	16:03 to 16:06	ROSS RIVER	Ross River	218	00:03	Loss of Supply when YEC experienced a line fault causing OSS for Ross River to trip, brief outage until diesel back up picked up the community.	PTM00093
1st	16:16 to 16:20	STEWART CROSSING	Stewart Crossing	31	00:04	Loss of Supply as YEC experienced outage to L174 plant picked up load and supplied Stewart, Stewart on back up diesel until 0820hrs the following morning.	PTM00087
2nd	14:04 to 14:08	STEWART CROSSING	Stewart Crossing	31	00:04	YEC experienced outage to L174 plant picked up load and supplied Stewart, Stewart on back up diesel until 15:24hrs.	PTM00088
3rd	13:00 to 15:56	TAGISH	Tagish Bridge to Jake's Corner	32	02:56	Planned power outage to re-sag and complete maintenance on the 3 phase line from the bridge to the end of the line	THB00211
2nd	03:15 to 03:45 & 04:15	WHITEHORSE	Old Alaska Hwy W	176 & 1	00:30 & 01:00	Frost caused single phase primary to neutral contact causing outage	THB00210

SUMMARY OF MAJOR OUTAGES

MARCH	TIME	COMMUNITY/& or DISTRICT	AREA	NUMBER OF CUSTOMERS	DURATION - hours & minutes	CAUSE	DIR #
9th	13:30 to 13:31	HAINES JUNCTION	Beaver Creek	118	0:01	Planned power outage to test the fuel spill shut down system	RAF00100
28th	13:26 to 13:31	CARMACKS	Carmacks	291	00:05	Yukon Energy Corporation experienced outage on L170 tripping the OSS for Carmacks, plant picked up the load	PTM00097
1st	15:45 to 16:17 & 17:33 to 17:36	PELLE CROSSING	PELLE CROSSING	177	00:32 & 00:03	Loss of Supply when YEC breaker at Carmacks opened, standby plant came on line picking up the community. Brief 3 minute outage to return to normal.	PTM00094 & PTM00095
28th	13:26 to 14:17	PELLE CROSSING	PELLE CROSSING	177	00:51	Yukon Energy Corporation experienced outage on L170 tripping the OSS for Pelly, YECL operator took remote control, and closed the OSS restoring Pelly to the grid	PTM00096
28th	13:26 to 13:29	ROSS RIVER	Ross River	218	00:03	Yukon Energy Corporation experienced outage on L170 tripping the OSS for Ross River, plant picked up the load	PTM00098
31st	14:06 to 14:07	ROSS RIVER	Ross River	218	00:01	Brief outage when technician was testing voltage on the controller. Found the controller was malfunctioning, repaired.	RAF00014
17th	13:30 to 14:40	WHITEHORSE	Riverdale North	539	01:10	Planned power outage to install new equipment	GLP00006
18th	22:30 to 01:10	WHITEHORSE	Porter Creek	645	02:40	Planned power outage to replace equipment	DJC00029