



The Yukon Electrical Company Limited  
An ATCO Company

July 10, 2009

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 April, May and June 2009. 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

  
Jerome Babyn,  
General Manager

JB:cm  
Encl.

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**SUMMARY OF MAJOR OUTAGES**

<b>APRIL</b>	<b>TIME</b>	<b>COMMUNITY/&amp; or DISTRICT</b>	<b>AREA</b>	<b>NUMBER OF CUSTOMERS</b>	<b>DURATION - hours &amp; minutes</b>	<b>CAUSE</b>
16th	08:57 to 10:06	CARCROSS	CARCROSS	303	01:09	WAF grid outage caused when squirrel created a permanent fault. Transformer was destroyed
16th	08:57 to 09:02	CARMACKS	CARMACKS	291	00:05	WAF grid outage caused when squirrel created a permanent fault. Community of Carmacks experienced a brief outage before WAF was restored.
16th	08:57 to 09:47	DEEP CREEK	DEEP CREEK	45	00:50	WAF grid outage caused when squirrel created a permanent fault. Transformer was destroyed
16th	08:57 to 09:12	HAINES JUNCTION	Haines Jct./Canyon	492	00:15	WAF grid outage caused when squirrel created a permanent fault. Community of Haines Junction experienced a brief outage before WAF was restored.
22nd	10:10 to 10:13	HAINES JUNCTION	Burwash Landing & Destruction Bay	150	00:03	Brief outage caused when Unit #2 generator protection relay tripped.
28th	06:00 to 06:41	HAINES JUNCTION	Haines Junction	457	00:41	Planned power outage to upgrade the transformer in the Haines Junction area.
16th	08:57 to 10:06	MARSH LAKE	MARSH LAKE	447	01:09	WAF grid outage caused when squirrel created a permanent fault. Transformer was destroyed
1st	12:55 to 14:08	OLD CROW	Old Crow	189	01:13	Outage due to employee error attempting to start one of the generators.
1st	18:25 to 18:26	OLD CROW	Old Crow	189	00:01	Second brief outage due to PLC tripping units off line.
16th	08:57 to 09:15	PELLY CROSSING	PELLY CROSSING	177	00:18	WAF grid outage caused when squirrel created a permanent fault. Transformer was destroyed
16th	08:56 to 09:00	ROSS RIVER	ROSS RIVER	218	00:04	WAF grid outage caused when squirrel created a permanent fault. Transformer was destroyed
16th	08:57 to 10:06	TAGISH	TAGISH	371	01:09	WAF grid outage caused when squirrel created a permanent fault. Transformer was destroyed
16th	08:57 to 10:06	TESLIN	TESLIN	252 & 89	00:05 & 01:09	WAF grid outage caused when squirrel created a permanent fault. Village of Teslin experienced a brief outage before WAF was restored. Customers on the Alaska Hwy South were off until WAF was restored.
21st	07:10 to 07:33	WATSON LAKE	LOWER POST	91	00:23	Total outage to the district when fuel injector failed on Unit #1. WAF was restored and we re energize customers
21st	07:10 to 07:33	WATSON LAKE	UPPER LIARD	116	00:23	Total outage to the district when fuel injector failed on Unit #2. WAF was restored and we re energize customers
21st	07:10 to 07:33	WATSON LAKE	Watson Lake	752	00:23	Total outage to the district when fuel injector failed on Unit #3. WAF was restored and we re energize customers
16th	10:04 to 10:37	WHITEHORSE	Hotsprings Rd/N Klondike Hy	543	00:33	Breaker S8686 opened on WAF outage, no faults indicated. WAF was restored and customers were re energized.

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APRIL	TIME	COMMUNITY/& or DISTRICT	AREA	NUMBER OF CUSTOMERS	DURATION - hours & minutes	CAUSE
16th	08:57 to 10:08	WHITEHORSE	Whitehorse, Alaska Hwy North & South, South & North Klondike Hwy	11567	00:33 to 01:13	WAF grid outage caused when squirrel created a permanent short circuit. This is the total number of Whitehorse customers affected. The squirrel destroyed a transformer, cutting off the power supply of the WAF grid.

SUMMARY OF MAJOR OUTAGES

JUNE	TIME	COMMUNITY/& or DISTRICT	AREA	NUMBER OF CUSTOMERS	DURATION - hours & minutes	CAUSE
3rd	13:00 to 16:00	CARMACKS	Carmacks River Rd	110	03:00	Planned power outage to complete construction project in Carmacks
4th	13:00 to 17:00	CARMACKS	Carmacks River Rd	110	04:00	Planned power outage to complete construction project in Carmacks
11th	15:35 to 15:40	CARMACKS	CARMACKS	291	0:05	Raven faulted gangswitch out of McIntyre Switching transmission line which resulted in a brief outage to come on line
16th	00:01 to 00:47	HAINES JUNCTION	Haines Junction	477	00:46	Planned power outage to test black start of standby generator
08th	07:03 to 07:12	WATSON LAKE	WATSON LAKE	124	00:09	Outage to area of Watson Lake when Unit #4 went out
08th	07:43 to 07:54	WATSON LAKE	Lower Post, Upper Liard, Watson Lake	91, 116, 741=948	00:11	Total outage to the district when connector on actual
11th	15:35 to 17:11	WHITEHORSE	Alaska Hwy N, N Klondike Hwy, Porter Cr, Hillcrest, Marwell Industrial, part of Downtown	5500	00:57 to 01:36	Raven faulted gangswitch on 5L626 which caused breaker to McIntyre Switching Stn resulted when the breaker portion of Whitehorse customers
11th	21:09 to 01:35	WHITEHORSE	Downtown area	50,5,20=75	01:08 to 04:26	Large warehouse fire on 3rd & Black caused emergency. Firefighters working around energized high voltage lines to fight the fire safely.
17th	04:00 to 06:00	WHITEHORSE	Hillcrest Subd	311	02:00	Planned outage to set poles in line for future Industrial
29th	11:01 to 12:15	WHITEHORSE	Arkell & Logan Subd	172	01:14	Breaker S9878 opened causing outage to subdivision. at the time, lines were patrolled, equipment checked