



The Yukon Electrical Company Limited
An **ATCO** Company

July 12, 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 April, May and June 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


Jerome Babyn,
General Manager

JB:cm
Encl.

WUBYabout10

Board Report (>50 custs)

Service Area	571 Whitehorse	
Date Reported	2010-05-14	Time Reported 13:00
Outage Number	RJZ00229	Time Interrupted 13:00
Planned	Planned	Time Restored 15:10
Sub Number	20 Maintenance	Primary Cause
Line Number	4L318	CEA Coding Scheduled
Location	Whitehorse-Riverdale	
	# of Customers 74	
	Avg. Customer Duration 2.17	
	Explanations Comments Planned power outage to complete brushing	

Service Area	571 Whitehorse	
Date Reported	2010-06-07	Time Reported 10:07
Outage Number	WAF100607-571	Time Interrupted 10:07
Planned	Unplanned	Time Restored 10:22
Sub Number	22 YEC Generation/Transm	Primary Cause
Line Number	WAF	CEA Coding Loss of Supply - Yukon Energy
Location		
	# of Customers 4882	
	Avg. Customer Duration 0.31	
	Explanations Comments WAF Outage.	

Service Area	574 Carcross	
Date Reported	2010-06-12	Time Reported 13:45
Outage Number	THB00224	Time Interrupted 13:45
Planned	Unplanned	Time Restored 15:15
Sub Number	150	Primary Cause 2 Trees
Line Number	5L623	CEA Coding Trees
Location	Carcross	
	# of Customers 832	
	Avg. Customer Duration 1.50	
	Explanations Comments Tree with 35 KV Carcross feeder caused S6839 to lockout(breaker on hotline tag due to extreme fire season hazard.	

Board Report (>50 custs)

Service Area	575 Carmacks	
Date Reported	2010-04-06	Time Reported 7:30
Outage Number	PTM00099	Time Interrupted 4:14
Planned	Unplanned	Time Restored 4:20
Sub Number	0L	Primary Cause 22 YEC Generation/Transm
Line Number	0L	CEA Coding Loss of Supply - Yukon Energy
Location	System Outage	
	# of Customers 291	
	Avg. Customer Duration 0.10	
	Explanations Comments OSS opened when Minto Mine tripped off line, diesel picked up load, unit taken off line at 0800hrs	

Service Area	575 Carmacks	
Date Reported	2010-05-30	Time Reported 14:54
Outage Number	PTM0011	Time Interrupted 14:54
Planned	Unplanned	Time Restored 15:00
Sub Number	0S	Primary Cause 22 YEC Generation/Transm
Line Number	0L	CEA Coding Loss of Supply - Yukon Energy
Location	Carmacks	
	# of Customers 291	
	Avg. Customer Duration 0.10	
	Explanations Comments Carmacks on diesel when fault on Minto Mine spur line- trees	

Service Area	575 Carmacks	
Date Reported	2010-06-07	Time Reported 10:07
Outage Number	WAF100607-575	Time Interrupted 10:07
Planned	Unplanned	Time Restored 10:13
Sub Number	0L	Primary Cause 22 YEC Generation/Transm
Line Number	0L	CEA Coding Loss of Supply - Yukon Energy
Location	System Outage	
	# of Customers 291	
	Avg. Customer Duration 0.10	
	Explanations Comments WAF Outage. Loss of Supply. Backup generation did start.	

Board Report (>50 custs)

Service Area 576 Teslin	
Date Reported 2010-05-19	Time Reported 6:58
Outage Number DJC00033	Time Interrupted 6:55
Planned Unplanned	Time Restored 7:34
Sub Number S150	Primary Cause 2 Trees
Line Number 5L622	CEA Coding Trees
Location Teslin-Cottage Lots	
# of Customers 91 Avg. Customer Duration 0.65	
Explanations Comments Tree on the line tripped the Judas Creek breaker causing outage to customers on Alaska Hwy S to Teslin & the Cottage Lots	

Service Area 576 Teslin	
Date Reported 2010-05-19	Time Reported 6:58
Outage Number DJC00034	Time Interrupted 6:55
Planned Unplanned	Time Restored 7:34
Sub Number 27	Primary Cause 2 Trees
Line Number 5L622	CEA Coding Trees
Location Teslin	
# of Customers 290 Avg. Customer Duration 0.65	
Explanations Comments Tree on the line caused breaker to trip. Back up started by local operator for Town of Teslin	

Service Area 576 Teslin	
Date Reported 2010-06-21	Time Reported 21:45
Outage Number RSM00128	Time Interrupted 21:10
Planned Unplanned	Time Restored 23:30
Sub Number 27	Primary Cause 1 Lightning
Line Number 5L613	CEA Coding Lightning
Location Teslin	
# of Customers 125 Avg. Customer Duration 2.33	
Explanations Comments Breaker S7345 Teslin Sub tripped off, reports of lightning in the area. Reclosed & held.	

Board Report (>50 custs)

Service Area	577 Destruction Bay				
Date Reported	2010-04-20	Time Reported	18:17	# of Customers	150
Outage Number	PTM00087A	Time Interrupted	18:17	Avg. Customer Duration	0.02
Planned	Unplanned	Time Restored	18:18	Explanations Comments Unit #1 on line and failed causing brief outage	
Sub Number	0L	Primary Cause	21 YECL Plant Outage		
Line Number	0L	CEA Coding	Loss of Supply - Yukon Electrical		
Location	Destruction Bay				

Service Area	577 Destruction Bay				
Date Reported	2010-06-15	Time Reported	6:25	# of Customers	150
Outage Number	RAF00015	Time Interrupted	6:25	Avg. Customer Duration	0.02
Planned	Planned	Time Restored	6:26	Explanations Comments Planned test of fuel spill system.	
Sub Number	0L	Primary Cause	11 Human Interference		
Line Number	0L	CEA Coding	Human Element		
Location	Destruction Bay				

Service Area	578 Beaver Creek				
Date Reported	2010-06-02	Time Reported	16:07	# of Customers	60
Outage Number	PTM00104	Time Interrupted	16:07	Avg. Customer Duration	3.32
Planned	Unplanned	Time Restored	19:14	Explanations Comments 16:07 trees on Fdr 1 @2 locations, S1201 opened & closed fdr 1 @ 19:14. Trees removed and S1201 closed @ 20:15	
Sub Number	0L	Primary Cause	2 Trees		
Line Number	0L	CEA Coding	Trees		
Location	Beaver Creek				

Board Report (>50 custs)

Service Area	578 Beaver Creek	
Date Reported	2010-06-09	Time Reported 17:05
Outage Number	TGG00188	Time Interrupted 17:05
Planned	Unplanned	Time Restored 17:20
Sub Number	3L401	Primary Cause 2 Trees
Line Number	3L401	CEA Coding Trees
Location	Beaver Creek	
	# of Customers 73	
	Avg. Customer Duration 0.62	
	Explanations Comments Removed tree, refuse step up bank S7280 trouble shoot switch gear outage @ plant.	

Service Area	580 Keno City	
Date Reported	2010-04-26	Time Reported 15:25
Outage Number	RSM00113	Time Interrupted 15:25
Planned	Planned	Time Restored 15:30
Sub Number	S257	Primary Cause 22 YEC Generation/Transm
Line Number	3L405	CEA Coding Loss of Supply - Yukon Energy
Location	System Outage	
	# of Customers 112	
	Avg. Customer Duration 0.09	
	Explanations Comments Planned outage for YEC to do work-Keno on back up diesel	

Service Area	580 Keno City	
Date Reported	2010-06-23	Time Reported 9:05
Outage Number	RSM00131	Time Interrupted 9:05
Planned	Unplanned	Time Restored 9:27
Sub Number	S257	Primary Cause 16 YEC System Outage
Line Number	3L403	CEA Coding Loss of Supply - Yukon Energy
Location	Keno City	
	# of Customers 55	
	Avg. Customer Duration 0.37	
	Explanations Comments Loss of supply to Keno S257	

Board Report (>50 custs)

Service Area 582 Ross River	
Date Reported 2010-05-15	Time Reported 19:04
Outage Number DJC00035	Time Interrupted 19:04
Planned Unplanned	Time Restored 20:02
Sub Number 16	Primary Cause YEC System Outage
Line Number L356	CEA Coding Loss of Supply - Yukon Energy
Location	
	# of Customers 216
	Avg. Customer Duration 0.97
Explanations Comments YEC Faro line tripped off	

Service Area 582 Ross River	
Date Reported 2010-05-21	Time Reported 10:17
Outage Number RSM00117	Time Interrupted 10:05
Planned Unplanned	Time Restored 10:06
Sub Number 19	Primary Cause 22 YEC Generation/Transm
Line Number L356	CEA Coding Loss of Supply - Yukon Energy
Location	
	# of Customers 218
	Avg. Customer Duration 0.02
Explanations Comments YEC loss of supply to Ross River. Outage lasted 21 seconds.	

Service Area 582 Ross River	
Date Reported 2010-05-30	Time Reported 15:30
Outage Number PTM00100	Time Interrupted 15:30
Planned Unplanned	Time Restored 15:33
Sub Number 19	Primary Cause 22 YEC Generation/Transm
Line Number L3561	CEA Coding Loss of Supply - Yukon Energy
Location Ross River	
	# of Customers 218
	Avg. Customer Duration 0.05
Explanations Comments Trees on Minto Mine spur line caused problem with WAF supply.	

Board Report (>50 custs)

Service Area 582 Ross River					
Date Reported	2010-06-26	Time Reported	14:14	# of Customers	218
Outage Number	DRR00212	Time Interrupted	14:14	Avg. Customer Duration	0.08
Planned	Unplanned	Time Restored	14:19	Explanations Comments Yukon Energy line btwn Faro and Ross River tripped off causing a 5 minute outage while YECCL standby diesel came online. YEC flew line but didn't find anything- they suspect a tree. Put Ross River back on WAF grid at 1735.	
Sub Number		Primary Cause	14 Unknown		
Line Number	L356	CEA Coding	Unknown/Other		
Location	Ross River				

Service Area 583 Pelly Crossing					
Date Reported	2010-05-04	Time Reported	6:10	# of Customers	72
Outage Number	RJZ00225	Time Interrupted	6:10	Avg. Customer Duration	1.00
Planned	Unplanned	Time Restored	7:10	Explanations Comments Part of Pelly out of power S9808 tripped on over current-nothing found power restored.	
Sub Number	304	Primary Cause	14 Unknown		
Line Number	3L408	CEA Coding	Unknown/Other		
Location	Pelly Crossing				

Service Area 583 Pelly Crossing					
Date Reported	2010-05-30	Time Reported	14:54	# of Customers	177
Outage Number	PTM00102	Time Interrupted	14:54	Avg. Customer Duration	0.55
Planned	Unplanned	Time Restored	15:27	Explanations Comments Pelly outage when fault on Minto spur line-trees.	
Sub Number	304	Primary Cause	22 YEC Generation/Transm		
Line Number	0L	CEA Coding	Loss of Supply - Yukon Energy		
Location	Pelly Crossing				

Board Report (>50 custs)

Service Area	583 Pelly Crossing	
Date Reported	2010-05-30	Time Reported 15:29
Outage Number	PTM00103	Time Interrupted 15:29
Planned	Unplanned	Time Restored 15:58
Sub Number	304	Primary Cause 22 YEC Generation/Transm
Line Number	0L	CEA Coding Loss of Supply - Yukon Energy
Location	Pelly Crossing	
	# of Customers 177	Explanations Comments
	Avg. Customer Duration 0.48	Pelly OSS breaker trips- YEC closes in on fault on Minto Mine spur line- trees.

Service Area	583 Pelly Crossing	
Date Reported	2010-06-07	Time Reported 10:07
Outage Number	WAF100607-583	Time Interrupted 10:07
Planned	Unplanned	Time Restored 10:30
Sub Number		Primary Cause 22 YEC Generation/Transm
Line Number	4L302	CEA Coding Loss of Supply - Yukon Energy
Location		
	# of Customers 177	Explanations Comments
	Avg. Customer Duration 0.38	WAF Outage. Backup generation did start.

Service Area	585 Tagish	
Date Reported	2010-06-14	Time Reported 4:45
Outage Number	SS00233	Time Interrupted 4:45
Planned	Planned	Time Restored 5:20
Sub Number	301	Primary Cause 10 Customer Equipment
Line Number	5L600	CEA Coding Foreign Interference
Location	Tagish	
	# of Customers 225	Explanations Comments
	Avg. Customer Duration 0.58	Outage for House move.

Board Report (>50 custs)

Service Area

592 Marsh Lake

Date Reported 2010-06-07 Time Reported 13:15
Outage Number RSM00126 Time Interrupted 13:15
Planned Unplanned Time Restored 14:15
Sub Number 11 Primary Cause 8 Equipment Failure
Line Number 9L CEA Coding Defective Equipment
Location Marsh Lake

of Customers 536
Avg. Customer Duration 1.00

Explanations Comments

Broken tie on 34.5 KV line, found during patrol. Power was still on had Outage to repair.