

YUKON
ENERGY



YUKON ENERGY
CORPORATION

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Our File: 2/ 2703-05-04

July 31, 2014

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

Attention: Mr. Bruce McLennan, Chair

Re: YEC Outage Report – 2014 – Q2

Please find attached the YEC outage reports for the period of April 1 to June 30, 2014. 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,

A handwritten signature in blue ink, appearing to read 'Tom Debolt'.

Tom Debolt
Revenue and Financial Analyst
tom.debolt@yec.yk.ca
393-5348

Enclosure

CC via email : Dwight Redden, YECL
Jay Massie, YECL

**Outage / Disturbance Report Q2
April-June 2014
April 2014**

Date	Location	Number of Customers Affected	Cause	Duration (Outage to Restoration) HH:MM:SS	Comments
April 11/2014	Faro 507	135	5c (Imminent Failures Detected)	00:00:42	Faro 507 Tripped. SCC Operator tried 1 reclose which closed and held. (This event appears to be related to the April 24 th outage whereby the transformer is under investigation.)
April 15/2014	WAFMD	2069	5c (Imminent Failures Detected)	P158-52-F1 > 00:10:34 P158-52-F2 > 00:11:57 S250-52-2 > 00:43:16 S150-52-22 > 00:43:54 S6837 > 00:50:36 S6838 > 00:52:27 S150-52-18 > 01:11:55 Faro 505 > 01:05:48 Faro 506 > 01:05:48 Faro 507 > 01:05:48 S150-52-17 > 01:10:31 S150-52-21 > 01:11:55 S9815 > 01:20:08 S254-52-TR > 02:51:39	Outage caused by failed Governor PLC for WH4. For more information regarding this outage refer to outage report.
April 16/2014	Dawson City (Rock Creek)	45	5a Defective Equipment – (Normal wear and aging)	00:10:00	During the Return to Normal of GOI 14-094 a glass cutout broke on S7932. Dawson Serviceman opened S7969 to isolate affected switch and repair.
April 24/2014	Faro 507	135	5c (Imminent Failures Detected)	00:03:00	YEC Lineman noticed a blown fuse on the new fuse bank for the Faro pump house. YEC Lineman re-fused and reclosed. Upon reclosing the fuse blew instantly as well as Faro 507 tripped.
April 24/2014	Faro 507	135	5c (Imminent Failures Detected)	00:02:00	After YEC performed some checks and could not find the cause of the blown fuse. YEC Lineman re-fused and reclosed. Upon reclosing the fuse blew instantly as well as Faro 507 tripped. YEC Lineman suspects a short on the transformer. Under investigation.

April 29/2014	Mendenhall	39	5a Defective Equipment – (Normal Wear and Aging)	02:40:00	Yec Linemen reported a broken tie east of the NWTel tap at Mendenhall
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Outage / Disturbance Report May 2014

Date	Location	Number of Customers Affected	Cause	Duration (Outage to Restoration) HH:MM:SS	Comments
May 02/2014	Whitehorse and Dawson	841	5c Defective Equipment (Imminent Failures Detected)	S150-52-22 > 00:21:48 S250-52-2 > 00:14:21 P158-52-F2 > 00:04:06	WH4 tripped off at 19 MW. After investigation it was determined that the Governor PLC failed. The CPU was replaced in the PLC and WH4 was placed back into service.
May 06/2014	Dawson – Rock Creek to Airport	28	9c Foreign Interference – (Digging/ Construction)	S7990 > 00:50:00	While performing brushing, oversized tree overpowered faller and threatened line. Primary was shut off, line grounded and tree cut clear without damage to line. Power restored.
May 18/2014	Dawson City (Feeder 2)	439	1 Scheduled Outage	Feeder 2 - 01:01:42	Dawson Linemen replaced C Phase on Hot Tap in alley between 6 th and 7 th Ave.
May 21/2014	Bear Creek	41	9a Foreign Interference (Bird)	01:25:00	Customer called to report power out in Bear Creek. Upon checking Lineman discovered two blown fuses and a broken switch. Had to get GOI, isolate switch. Lineman then changed out switch, refused then re-energized. Lineman reports feathers and a dead bird.
May 31/2014	L250	23	5a Defective Equipment (Normal Wear and Aging)	03:03:54	Mayo Lineman discovered a broken insulator. Line was isolated, insulator replaced and line re-energized.

Outage / Disturbance Report June 2014

Date	Location	Number of Customers Affected	Cause	Duration (Outage to Restoration) HH:MM:SS	Comments
June 01/2014	L250	21	1 Scheduled Outage	00:02:25	Mayo Lineman changed out broken insulator at structure 485.
June 06/2014	S170 – S9815	1	0 (Unknown)	00:40:08	After investigation, YECL could not find a cause for this outage
June 12/2014	L356	11	6a Adverse Weather (Rain)	00:00:35	Lots of rain reported at the time of the outage.
June 16/2014	Whitehorse and Dawson	402	5c Defective Equipment (Imminent Failures Detected)	S170-S6838 > 00:31:28 S250-52-2 > 00:13:57	WH3 tripped off line to gate mismatch. Electrical lockout and head gate closed.
June 16/2014	Johnson's Crossing	13	9a Foreign Interference (Bird)	00:50:00	YECL reported finding a dead bird at the location of the outage.
June 20/2014	Johnson's Crossing	13	0 Unknown	01:39:00	AEY (YECL) had a breaker trip at Judas Creek. They did a line patrol to Johnson's Crossing and found nothing. Still under investigation.
June 20/2014	Mayo	326	3 (Tree Contact)	00:48:19	Strong gusting winds at the time of the outage – Breaker S249-52-10 tripped and locked out. Local Lineman reset lockout and closed back in under SCC direction. Possibly a tree hit the line.
June 24/2014	WAFMD	1601	3 (Tree Contact)	Faro 505 > 00:29:00 Faro 506 > 00:29:00 Faro 507 > 00:29:00 P158-52-F2 > 00:07:00 P158-52-F1 > 00:08:00	Outage caused by a tree on L178 (Faro Line) at structure 1318. This is an area that was to be brushed this summer. (Within the next two weeks). Minto mine outage extended due to no phone communications in the Minto Mine area.

		<p>S250-52-2 > 00:53:00 S254-52-TR > 02:31:00 S255-52-1 > 05:44:00 S164-52-3 > 00:50:00</p>				<p>June 30/2014</p>
<p>WH4 tripped off at 19.6MW. YEC employee reported an ABC fault on breaker S150-52-18. AEY informed SCC that they found a dead raven that would have caused S150-52-18 to trip.</p>	<p>S250-52-2 > 00:17:56 S150-52-18 > 01:59:42 S6838 > 00:28:57 S6837 > 00:31:13 S150-52-22 > 01:07:45</p>	<p>9a Foreign Interference (Bird)</p>	<p>405</p>	<p>W/AFMD</p>		