

March 3, 2014

Mr. Jeff Derouen, Executive Director
Kentucky Public Service Commission
PO Box 615
Frankfort, KY 40602

RECEIVED

MAR 10 2014

PUBLIC SERVICE
COMMISSION

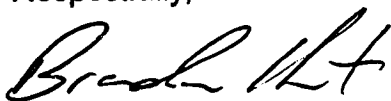
Re: Jeff and Christy Vice V. Fleming Mason Energy
Case No. 2013-00010

Dear Mr. Derouen:

Fleming Mason Energy Cooperative ("FME") is submitting a Response to "The Second Information Request of Commission Staff to Fleming Mason Energy Cooperative Corporation" for Case No. 2013-00010. The Responses and all supporting documentation are enclosed.

Please contact me should you have any questions or need additional information in regard to this filing.

Respectfully,



Brandon Hunt, PE
System Engineer
Fleming Mason Energy Cooperative

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

MAR 10 2014

PUBLIC SERVICE
COMMISSION

In the Matter of:

JEFFREY AND CHRISTY VICE
COMPLAINANTS

V.
FLEMING-MASON ENERGY COOPERATIVE,
INC.

DEFENDANT

)
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)
)
)
)

CASE NO.
2013-00010

RESPONSE OF:

FLEMING MASON ENERGY COOPERATIVE, INC. ("FME") TO THE

"SECOND INFORMATION REQUEST OF COMMISSION STAFF TO FME"

FOR COMMISSION'S ORDER 2013-00010

DATED FEBRUARY 26, 2011

FILED: JULY 3, 2012

The Witnesses for All Response Contained Hereinafter:

Brandon Hunt ~ FME

VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF FLEMING)

The undersigned, **Brandon Hunt**, being duly sworn, deposes and says that he is System Engineer for FME, and that he has personal knowledge of the matters set forth in the response for which she is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



Brandon Hunt

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 4 day of March 2011.

(SEAL)



Notary Public

My Commission Expires:

June 20 2014

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FLEMING MASON ENERGY COOPERATIVE, INC.

CASE NO. 2013-00010

**Response to Commission Staff's Second Data Request
Dated February 26, 2014**

Question No. 1

Witness: Brandon Hunt

Q1. Provide the voltage data collected from September 23, 2013, through October 22, 2013, from any of Fleming-Mason's voltage recorders that were placed on the Complainants' transformer pole, lines leading up and/or down from Complainants' point of service, or any other locations that were intended to record voltage data for service that the Complainants received.

A1. For the time frame from September 23, 2013 through October 22, 2013, FME had two voltage recorders installed near the residence of the Complainant. Recorder "A" was placed upline from the Complainants' point of service. Recorder "B" was placed downline from the Complainants' point of service. Both recorders were installed on September 23, 2013 and both were removed, downloaded and re-installed on October 7, 2013 and were removed again on October 22, 2013. The recorders were initially set up to only record two weeks of data, therefore the remove and downloading of the recorders had to be done on October 7, 2013 to avoid the overwriting of data.

Recorder voltage data graphs are submitted as Exhibit A. The timeline of events on FME's distribution system during the recorders installment is as follows:

9/23/13 – Recorders installed

10/3/13 – Storms (lightning) in the area in the A.M.

10/5/13 – Rain and light storms in area

10/6/13 – Storms (heavy rain / wind) early P.M.

10/7/13 – Recorders removed, downloaded and re-installed

10/14/13 – Fail transformer on ckt. Transformer was changed

10/22/13 – Recorders were removed

FLEMING MASON ENERGY COOPERATIVE, INC.

CASE NO. 2013-00010

**Response to Commission Staff's Second Data Request
Dated February 26, 2014**

Question No. 2

Witness: Brandon Hunt

Q2. Provide detailed outage information, including cause, duration and dispatches, for outages occurring on the line serving Complainants' home from July 16, 2013 to the date of this Request for Information.

A2. Attached as Exhibit B.

FLEMING MASON ENERGY COOPERATIVE, INC.

CASE NO. 2013-00010

**Response to Commission Staff's Second Data Request
Dated February 26, 2014**

Question No. 3

Witness: Brandon Hunt

Q3. Provide all information pertaining to improvements or repairs made to Complainants' distribution line since January 8, 2013.

A3. Timeline of improvements or repairs:

5/13 – Circuit inspected

5/28/13 – Repairs made to phase conductor

5/28/13 – Repairs made to phase conductor

5/28/13 – Repairs to connections

5/13 – 6/13 – Vegetation was trimmed on “hot spot” areas.

8/12/13 – Replaced transformer jumper to allow more clearance

8/12/13 – Phase conductor re-sagged to allow more clearance

8/12/13 – Switch Walking Horse Way single phase to “B” phase from “C” phase

FLEMING MASON ENERGY COOPERATIVE, INC.

CASE NO. 2013-00010

**Response to Commission Staff's Second Data Request
Dated February 26, 2014**

Question No. 4

Witness: Brandon Hunt

Q4. Provide all information pertaining to improvements or repairs made since January 8, 2013, to the circuit that serves the Complainants and the subdivision in which Complainants reside.

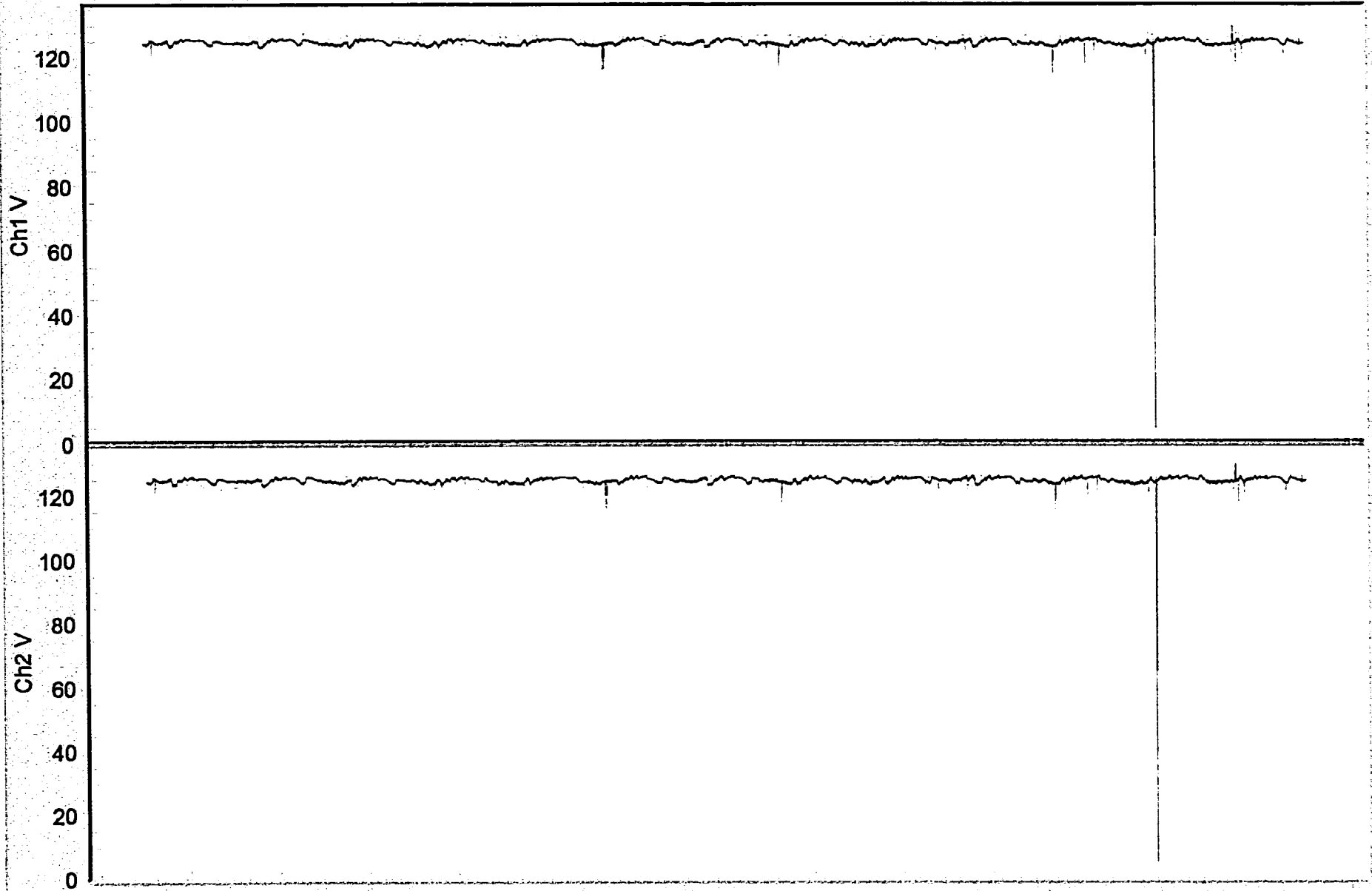
A4. See Question 3. FME understands the "line serving" the Complainant vs the "circuit serving" the Complainant to be defined as the same electrical area.

RMS Voltage

Min

Ave

Max



Oct 2013

1 Tue
Recorder "A" 9/23/13 - 10/7/13
Exhibit A

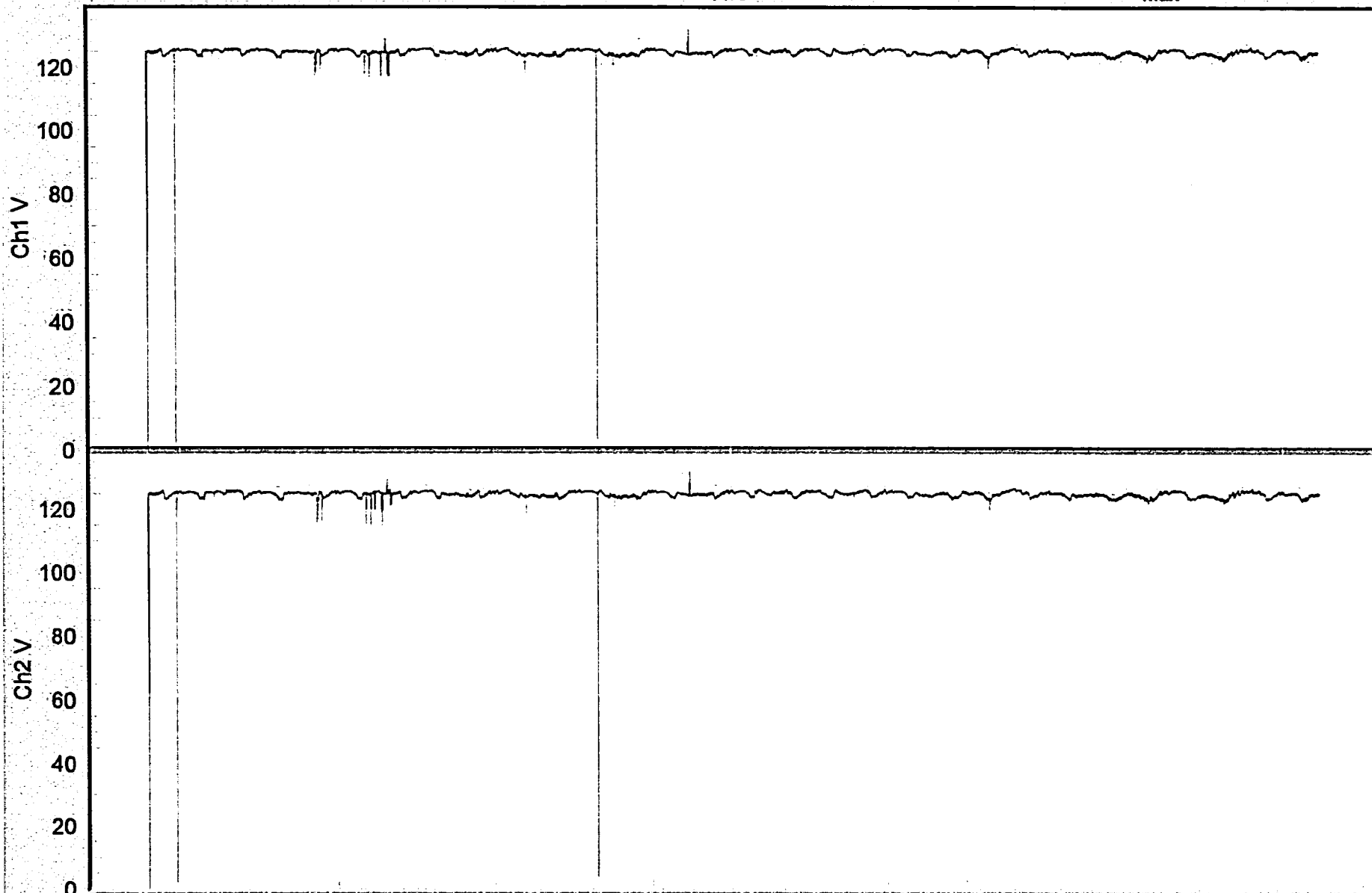
8 Tue

RMS Voltage

Min

Ave

Max



8 Tue

15 Tue

22 Tue

Oct 2013
Hwy 11 Barn 2nd week

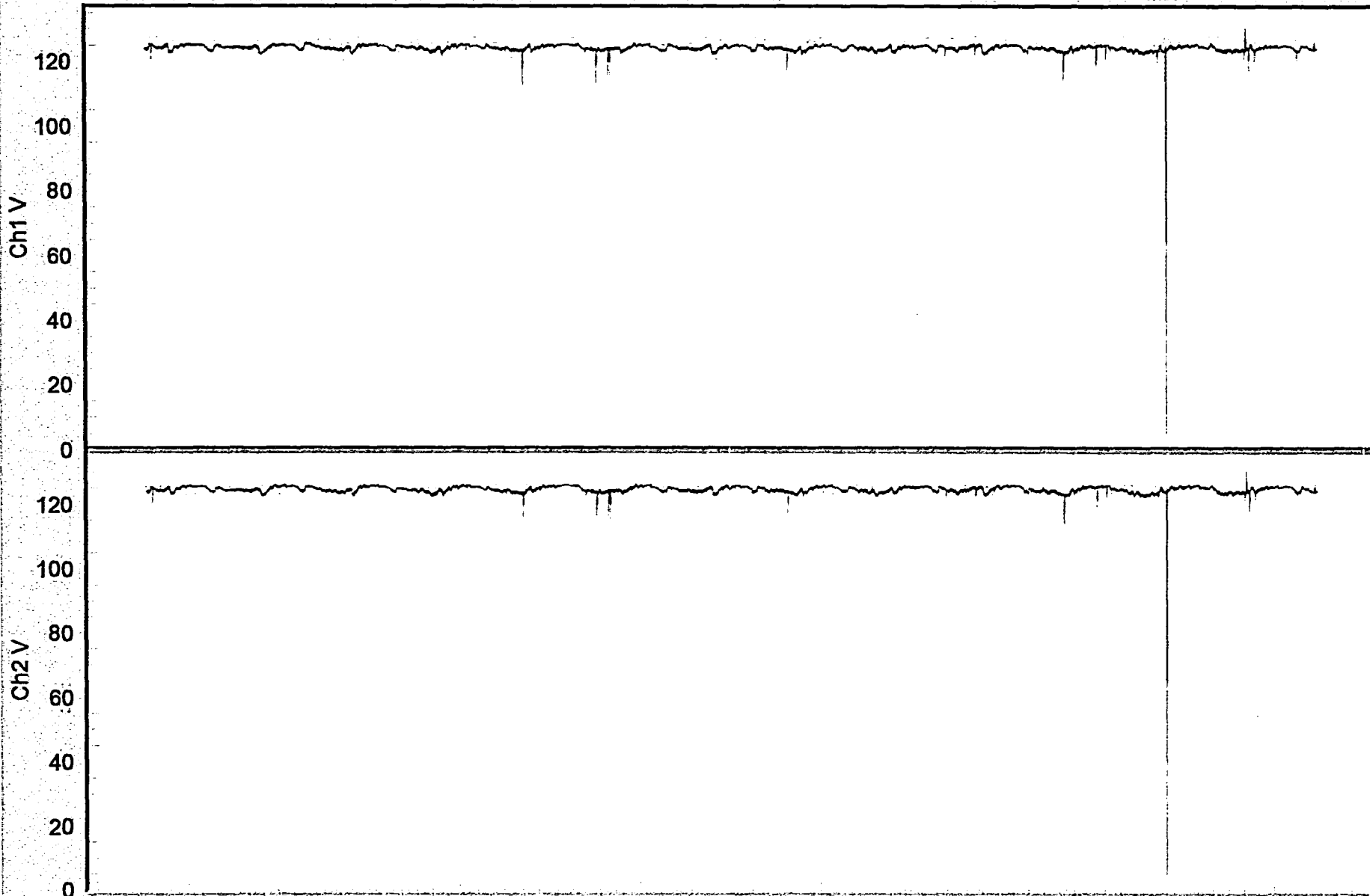
Recorder "A" 10/8/13 - 10/22/13
Exhibit A

RMS Voltage

Min

Ave

Max



Oct 2013

1 Tue
Recorder "B" 9/23/13 - 10/7/13
Exhibit A

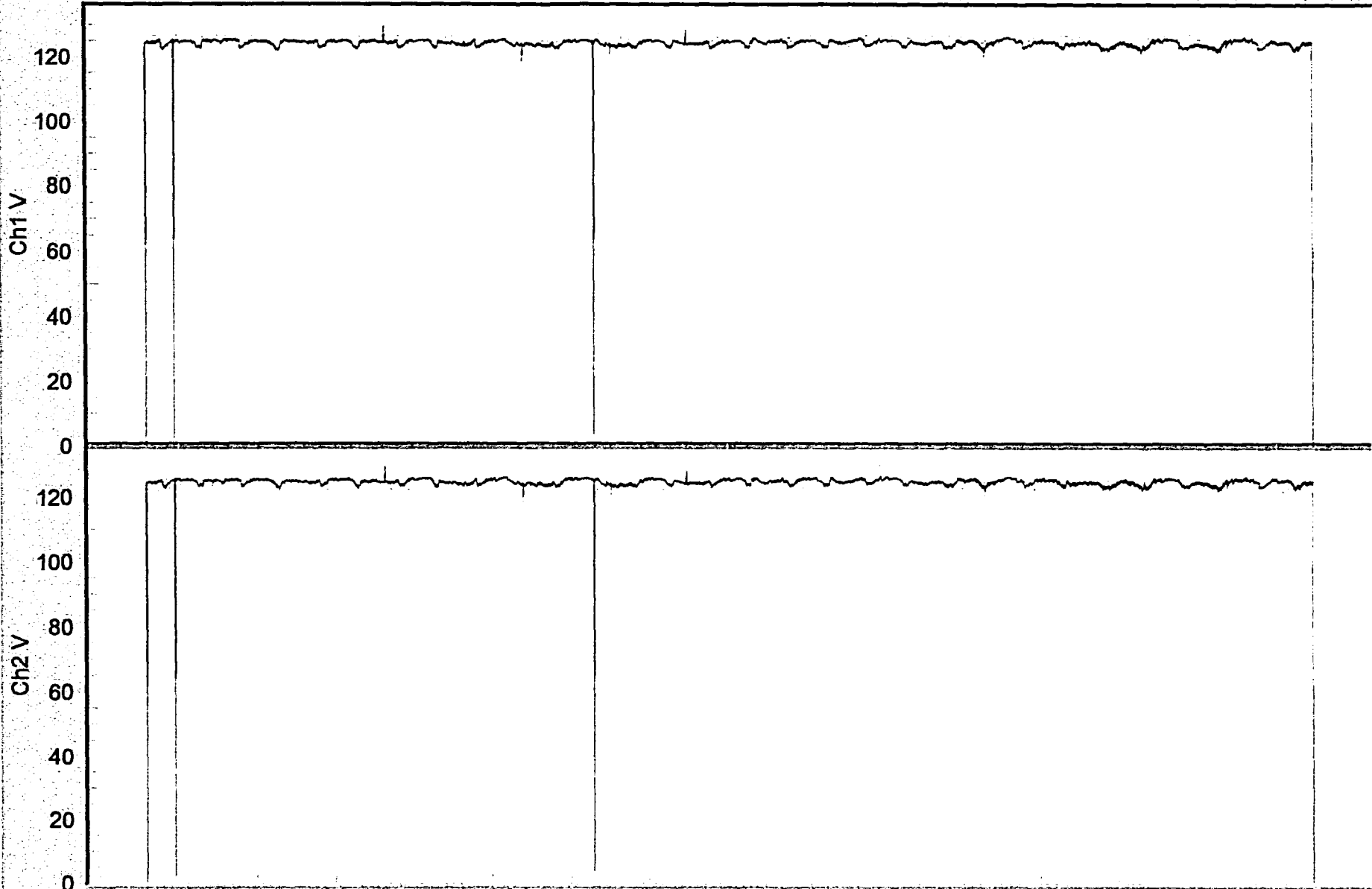
8 Tue

RMS Voltage

Min

Ave

Max



8 Tue

15 Tue

22 Tue

Oct 2013

Rodgers Mill Barn 2nd Week 3705-53-007

Recorder "B" 10/8/13 - 10/22/13

Exhibit A

OUTAGE DATA FOR OWINGSVILLE/SHARPSBURG CIRCUIT
7/16/2013 TO PRESENT

OutageStartTime	OutageEndTime	Substation	Feeder	CustomersRestored	InterruptionDuration	Cause	Equipment/Material Failure	Voltage Level	Weather Condition	CustomersAffected	CustomerHours
7/19/2013 9:00 PM	7/19/2013 11:10 PM	PEASTICKS	Owingsville/Sharpsburg	1	130	500 Lightning	999 No Equipment failure	004 25 KV	020 Lightning	1	2.166666
7/21/2013 5:24 PM	7/21/2013 7:31 PM	PEASTICKS	Owingsville/Sharpsburg	1	127	500 Lightning	500 Transformer bad	004 25 KV	020 Lightning	1	2.116666
7/23/2013 6:15 AM	7/23/2013 10:41 AM	PEASTICKS	Owingsville/Sharpsburg	173	267	600 Small animal/bird	200 Pole	004 25 KV	100 Clear, calm	173	219.433333
7/23/2013 7:08 AM	7/23/2013 10:40 AM	PEASTICKS	Owingsville/Sharpsburg	23	213	600 Small animal/bird	200 Pole	004 25 KV	100 Clear, calm	23	81.266666
7/23/2013 6:32 AM	7/23/2013 10:42 AM	PEASTICKS	Owingsville/Sharpsburg	4	251	600 Small animal/bird	200 Pole	004 25 KV	100 Clear, calm	4	16.666666
7/23/2013 6:22 AM	7/23/2013 10:40 AM	PEASTICKS	Owingsville/Sharpsburg	181	258	600 Small animal/bird	200 Pole	004 25 KV	100 Clear, calm	90	375.3
7/23/2013 6:17 AM	7/23/2013 10:39 AM	PEASTICKS	Owingsville/Sharpsburg	1	262	600 Small animal/bird	200 Pole	005 35 KV	100 Clear, calm	1	4.366666
7/24/2013 6:45 AM	7/24/2013 7:40 AM	PEASTICKS	Owingsville/Sharpsburg	1	56	999 Cause unknown	510 Transformer fuse or breaker	004 25 KV	100 Clear, calm	0	0
7/24/2013 4:23 AM	7/24/2013 6:24 AM	PEASTICKS	Owingsville/Sharpsburg	6	121	500 Lightning	999 No Equipment failure	004 25 KV	020 Lightning	6	12.1
8/9/2013 5:46 AM	8/9/2013 7:50 AM	PEASTICKS	Owingsville/Sharpsburg	33	125	999 Cause unknown	999 No Equipment failure	004 25 KV	010 Rain	33	68.2
8/9/2013 8:11 AM	8/9/2013 9:28 AM	PEASTICKS	Owingsville/Sharpsburg	6	77	600 Small animal/bird	290 Poles and fixtures, other	004 25 KV	010 Rain	6	7.7
8/9/2013 12:27 PM	8/9/2013 1:30 PM	PEASTICKS	Owingsville/Sharpsburg	1	63	999 Cause unknown	999 No Equipment failure	004 25 KV	100 Clear, calm	1	1.05
8/11/2013 8:56 AM	8/11/2013 10:12 AM	PEASTICKS	Owingsville/Sharpsburg	1	76	600 Small animal/bird	510 Transformer fuse or breaker	004 25 KV	100 Clear, calm	1	1.266666
8/17/2013 8:47 AM	8/17/2013 9:48 AM	PEASTICKS	Owingsville/Sharpsburg	1	61	600 Small animal/bird	510 Transformer fuse or breaker	004 25 KV	100 Clear, calm	1	1.016666
8/24/2013 11:38 AM	8/24/2013 4:39 PM	PEASTICKS	Owingsville/Sharpsburg	1	301	300 Material or equipment fault/failure	500 Transformer bad	004 25 KV	100 Clear, calm	1	5.016666
8/31/2013 4:23 PM	8/31/2013 5:30 PM	PEASTICKS	Owingsville/Sharpsburg	3	68	500 Lightning	999 No Equipment failure	004 25 KV	020 Lightning	3	3.35
8/31/2013 3:55 PM	8/31/2013 4:59 PM	PEASTICKS	Owingsville/Sharpsburg	2	64	500 Lightning	300 Line conductor	001 < 1 KV (Seco	020 Lightning	2	2.133333
9/14/2013 8:33 AM	9/14/2013 9:54 AM	PEASTICKS	Owingsville/Sharpsburg	1	81	999 Cause unknown	999 No Equipment failure	004 25 KV	100 Clear, calm	1	1.35
9/17/2013 8:04 AM	9/17/2013 9:06 AM	PEASTICKS	Owingsville/Sharpsburg	1	62	999 Cause unknown	510 Transformer fuse or breaker	004 25 KV	100 Clear, calm	1	1.033333
9/28/2013 2:10 AM	9/28/2013 3:23 AM	PEASTICKS	Owingsville/Sharpsburg	4	73	730 Fire	999 No Equipment failure	001 < 1 KV (Seco	100 Clear, calm	4	4.666666
10/6/2013 5:22 PM	10/6/2013 7:42 PM	PEASTICKS	Owingsville/Sharpsburg	2	140	500 Lightning	999 No Equipment failure	004 25 KV	020 Lightning	2	4.666666
10/14/2013 7:38 AM	10/14/2013 10:20 AM	PEASTICKS	Owingsville/Sharpsburg	2	163	300 Material or equipment fault/failure	500 Transformer bad	004 25 KV	100 Clear, calm	2	5.4
10/14/2013 11:59 AM	10/14/2013 1:30 PM	PEASTICKS	Owingsville/Sharpsburg	9	92	999 Cause unknown	999 No Equipment failure	004 25 KV	100 Clear, calm	9	13.65
10/19/2013 2:46 PM	10/19/2013 3:22 PM	PEASTICKS	Owingsville/Sharpsburg	1	36	310 Installation fault	600 Secondary or service conductor	001 < 1 KV (Seco	100 Clear, calm	1	0.6
10/25/2013 6:45 PM	10/25/2013 7:25 PM	PEASTICKS	Owingsville/Sharpsburg	1	40	600 Small animal/bird	510 Transformer fuse or breaker	004 25 KV	100 Clear, calm	1	0.666666
10/26/2013 3:08 PM	10/26/2013 4:05 PM	PEASTICKS	Owingsville/Sharpsburg	56	57	600 Small animal/bird	510 Transformer fuse or breaker	004 25 KV	100 Clear, calm	56	53.2
11/1/2013 3:09 AM	11/1/2013 6:45 AM	PEASTICKS	Owingsville/Sharpsburg	53	217	300 Material or equipment fault/failure	020 Towers, poles, and fixtures	004 25 KV	030 Wind	53	190.8
11/1/2013 3:09 AM	11/1/2013 9:01 AM	PEASTICKS	Owingsville/Sharpsburg	96	352	430 Tree failure from overhang or dead	300 Line conductor	004 25 KV	030 Wind	96	380.8
11/1/2013 4:51 AM	11/1/2013 8:32 AM	PEASTICKS	Owingsville/Sharpsburg	37	221	300 Material or equipment fault/failure	999 No Equipment failure	003 15 KV	030 Wind	37	136.283333
11/1/2013 3:09 AM	11/1/2013 10:12 AM	PEASTICKS	Owingsville/Sharpsburg	44	423	430 Tree failure from overhang or dead	300 Line conductor	003 15 KV	030 Wind	44	310.2
11/22/2013 12:10 PM	11/22/2013 1:22 PM	PEASTICKS	Owingsville/Sharpsburg	1	72	610 Large animal	510 Transformer fuse or breaker	004 25 KV	010 Rain	1	1.2
11/27/2013 10:05 PM	11/28/2013 2:40 AM	PEASTICKS	Owingsville/Sharpsburg	1	275	420 Tree growth	999 No Equipment failure	001 < 1 KV (Seco	100 Clear, calm	1	4.583333
12/4/2013 4:10 PM	12/4/2013 5:12 PM	PEASTICKS	Owingsville/Sharpsburg	8	62	999 Cause unknown	999 No Equipment failure	004 25 KV	100 Clear, calm	8	8.266666
12/22/2013 12:22 AM	12/22/2013 7:35 AM	PEASTICKS	Owingsville/Sharpsburg	6	433	510 Wind, not trees	999 No Equipment failure	004 25 KV	030 Wind	6	43.3
12/22/2013 7:30 AM	12/22/2013 8:04 AM	PEASTICKS	Owingsville/Sharpsburg	7	35	510 Wind, not trees	999 No Equipment failure	004 25 KV	030 Wind	7	3.966666
1/8/2014 9:25 AM	1/8/2014 12:10 PM	PEASTICKS	Owingsville/Sharpsburg	1	165	340 Overload	500 Transformer bad	004 25 KV	070 Extreme Cold	1	2.75
1/11/2014 1:44 PM	1/11/2014 3:26 PM	PEASTICKS	Owingsville/Sharpsburg	6	102	600 Small animal/bird	999 No Equipment failure	004 25 KV	100 Clear, calm	6	10.2
1/13/2014 10:18 AM	1/13/2014 11:40 AM	PEASTICKS	Owingsville/Sharpsburg	6	82	420 Tree growth	300 Line conductor	004 25 KV	030 Wind	6	8.2
1/13/2014 10:51 AM	1/13/2014 12:20 PM	PEASTICKS	Owingsville/Sharpsburg	1	89	300 Material or equipment fault/failure	360 Fuse cutout (damaged, malfunc	004 25 KV	100 Clear, calm	1	1.483333
2/4/2014 11:36 PM	2/5/2014 2:39 AM	PEASTICKS	Owingsville/Sharpsburg	18	183	520 Ice, sleet, frost, not trees	300 Line conductor	004 25 KV	050 Ice	18	54.9
2/8/2014 12:46 PM	2/8/2014 2:55 PM	PEASTICKS	Owingsville/Sharpsburg	42	129	300 Material or equipment fault/failure	300 Line conductor	004 25 KV	100 Clear, calm	42	90.3
2/20/2014 5:41 AM	2/20/2014 4:20 PM	PEASTICKS	Owingsville/Sharpsburg	2	639	700 Customer-caused	999 No Equipment failure	001 < 1 KV (Seco	100 Clear, calm	2	21.3
2/25/2014 9:31 PM	2/25/2014 11:20 PM	PEASTICKS	Owingsville/Sharpsburg	40	109	300 Material or equipment fault/failure	330 Jumper	004 25 KV	100 Clear, calm	40	72.666666
11/1/2013 12:52 AM	11/1/2013 3:03 AM	PEASTICKS		2107	131	000 Power supply	040 Transmission substations	007 > 60 KV	030 Wind	2107	4600.283333
1/30/2014 4:31 AM	1/30/2014 7:31 AM	PEASTICKS		2117	180	000 Power supply	040 Transmission substations	007 > 60 KV	070 Extreme Cold	2117	6351
3/4/2012 4:15	3/4/2014 7:26 AM	PEASTICKS	Owingsville/Sharpsburg	37	191	400 Decay/age of material/equipment	300 Line conductor	004 25 KV	070 Extreme cold	37	117.78333

EXHIBIT B