

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

JEFFREY AND CHRISTY VICE)	
)	
COMPLAINANTS)	
V.)	CASE NO.
)	2013-00010
FLEMING-MASON ENERGY COOPERATIVE, INC.)	
)	
DEFENDANT)	

NOTICE OF FILING OF COMMISSION STAFF'S INVESTIGATION REPORT AND
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION TO
FLEMING-MASON ENERGY COOPERATIVE

Notice is hereby given that the Complaint Investigative Report attached as an Appendix contains the findings and recommendations of Commission Staff regarding alleged voltage issues and has been filed in the record of the above-styled proceeding. In the report, Commission Staff recommends that voltage data from the voltage recorders of Fleming-Mason Energy Cooperative, Inc. ("Fleming-Mason") be requested.

Pursuant to 807 KAR 5:001, Fleming-Mason is to file with the Commission the original and eight copies of the following information, with a copy to all parties of record. The information requested herein is due no later than March 10, 2014. Responses to requests for information shall be appropriately bound, tabbed, and indexed. Each response shall include the name of the witness responsible for responding to the questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Fleming-Mason shall make timely amendment to any prior response if it obtains information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material aspect. For any request to which Fleming-Mason fails or refuses to furnish all or part of the requested information, it shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention should be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of the information in responding to this request.

1. 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.

2. 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.

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

4. 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.



Jeff Derouen
Executive Director
Public Service Commission
P. O. Box 615
Frankfort, KY 40602

DATED FEB 26 2014

cc: Parties of Record

Case No. 2013-00010

APPENDIX

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE
COMMISSION IN CASE NO. 2013-00010 DATED **FEB 26 2014**



Steven L. Beshear
Governor

Leonard K. Peters
Secretary
Energy and Environment Cabinet

Commonwealth of Kentucky
Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, Kentucky 40602-0615
Telephone: (502) 564-3940
Fax: (502) 564-1582
psc.ky.gov

David L. Armstrong
Chairman

James W. Gardner
Vice Chairman

COMPLAINT INVESTIGATION REPORT

Addendum to report completed on 10/23/2012

Utility: Fleming-Mason Energy Cooperative
Contact Person: Brandon Hunt
Complainant(s) Name: Vice, Jeff and Christy
Address: 86 Appaloosa Lane, Sharpsburg, KY
Phone #: [REDACTED]

PSC Investigator: Jeff Moore

Field Visit: Yes

Address: 1449 Elizaville Road, Flemingsburg, KY

Phone #: (606) 845-2661

Complaint #: 13-00010

County: Bath

Email: [REDACTED]

Complaint Assigned (Date): July 3, 2012

Date: 9/23/2013 **Time:** 10:45 AM

List Facilities/Property Involved: Placed voltage recorders at three locations up line and down line from the Vice's home. Also placed a voltage recorder at the Vice's transformer pole.

Additional Information Requested From:

Company: Fleming-Mason installed voltage recorders at two locations during the same time. The voltage data from Fleming-Mason's recorders should be requested so Commission Staff can review the voltage data to determine if any voltage sags or swells occurred that would not meet the requirements of Commission regulation 807 KAR 5:041, Section 6¹.

¹ Section 6. Voltage and Frequency. (1) Each utility shall adopt a standard nominal voltage or standard nominal voltages, as required by its distribution system for its entire constant-voltage service, or for each of several districts into which the systems may be divided, which standard voltages shall be stated in every schedule of rates of each utility or in its terms and conditions of service.

(2) Voltage at the customer's service entrance or connection shall be maintained as follows:

(a) For service rendered primarily for lighting purposes, variation in voltage between 5 p.m. and 11 p.m. shall not be more than five (5) percent plus or minus the nominal voltage adopted, and total variation of voltage from minimum to maximum shall not exceed six (6) percent of the nominal voltage.

(b) 1. For service rendered primarily for power purposes, voltage variation shall not at any time exceed ten (10) percent above or ten (10) percent below standard nominal voltage.

2. Where a limited amount of lighting is permitted under these contracts, the entire load shall be considered power as far as voltage variation is concerned.

(c) Where utility distribution facilities supplying customers are reasonably adequate and of sufficient capacity to carry actual loads normally imposed, the utility may require that starting and operating characteristics of equipment on customer premises shall not cause an instantaneous voltage drop of more than four (4) percent of standard voltage nor cause objectionable flicker in other customer's lights.

(d) Equipment supplying constant current circuits shall be adjusted to furnish as nearly as practicable the rated current of the circuit supplied, and in no case shall the current vary more than four (4) percent above or below the circuit rating.

(3) Each utility supplying alternating current shall adopt a standard frequency of sixty (60) hertz which shall be stated in the schedule of rates of each utility.

(4) A frequency meter monitor shall be maintained for each system frequency. Accuracy of the frequency meter shall be checked each day and frequency shall be governed within limits as set forth in this section so that the frequency meters on the system are correct once daily.

(5) The following shall not be considered a violation of this section: Voltage variations in excess of those caused by operation of power apparatus on customer premises which require large starting currents and affect only the user of such apparatus, by action of the elements and infrequent and unavoidable fluctuations of short duration due to system operation.

(6) Greater variation of voltage than specified under this section may be allowed if service is supplied directly from a transmission line, if emergency service, or if in a limited or extended area in which customers are widely scattered or business done does not justify close voltage administrative regulation. In such cases the best voltage administrative regulation shall be provided that is practicable under the circumstances.

Findings: The voltage data retrieved from the Meter Standards Laboratory recorders did not indicate voltage levels outside the acceptable limits as required by 807 KAR 5:041, Section 6.

Investigators Comments: It should be noted the KPSC Meter Standards Laboratory equipment available at this time is not capable of capturing detailed voltage data like newer equipment that is available today (such as Fleming-Mason's voltage recorders). The current KPSC equipment can record voltage fluctuations (sags and swells) when installed, but is limited compared to the newer equipment.

Attachments:

Attachment A: PSC voltage charts from the three Bristol voltage recorders

Attachment B: PSC voltage data from the SLM8 voltage recorder installed at the Vice's home

REPORT SUBMITTED BY:

Jeffrey C. Moore

Electric Utility Investigator

Engineering Division

Kentucky Public Service Commission

Signature

A handwritten signature in black ink, appearing to read "Jeffrey Moore", is written over a horizontal line.

Date:

4/1/2013

ATTACHMENT A

GRAPHED CONTROLS CORPORATION
NEW YORK

LOCATION

*Flaming-Mason
Vice Complaint*

TRANS. RATIO

240V

CIRCUIT

Sharpsburg

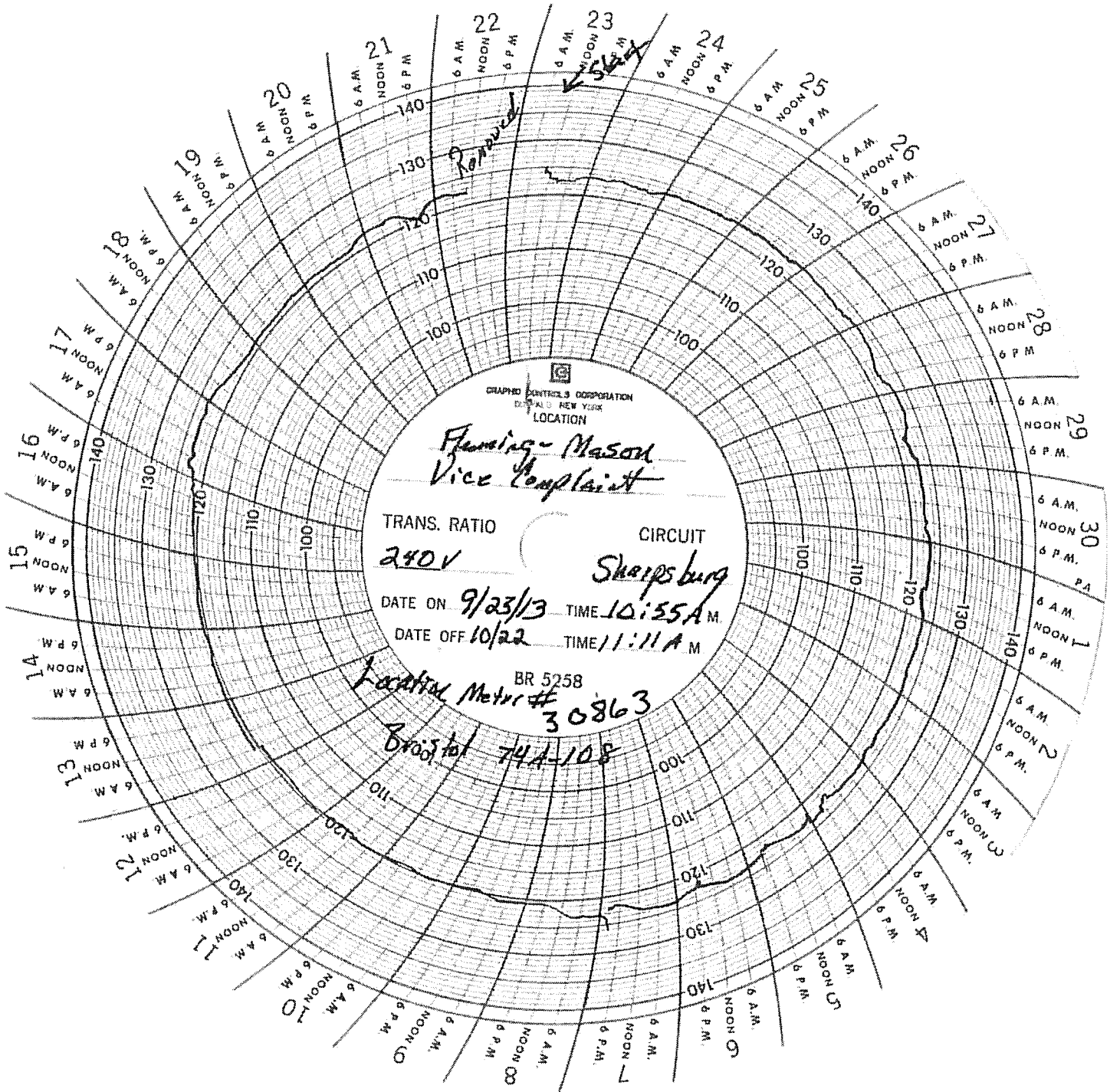
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DATE OFF *10/22* TIME *11:11 A.M.*

BR 5258

Local Meter # 30863

Serial 744-108



GRAPHIC CONTROLS CORPORATION
SUPERSEDES NEW YORK
LOCATION

*Fleming-Norae
Vice Complaint*

TRANS. RATIO

240V

CIRCUIT

Sharpsburg

DATE ON *9/25/13*

TIME *11:45 A.M.*

DATE OFF *10/22*

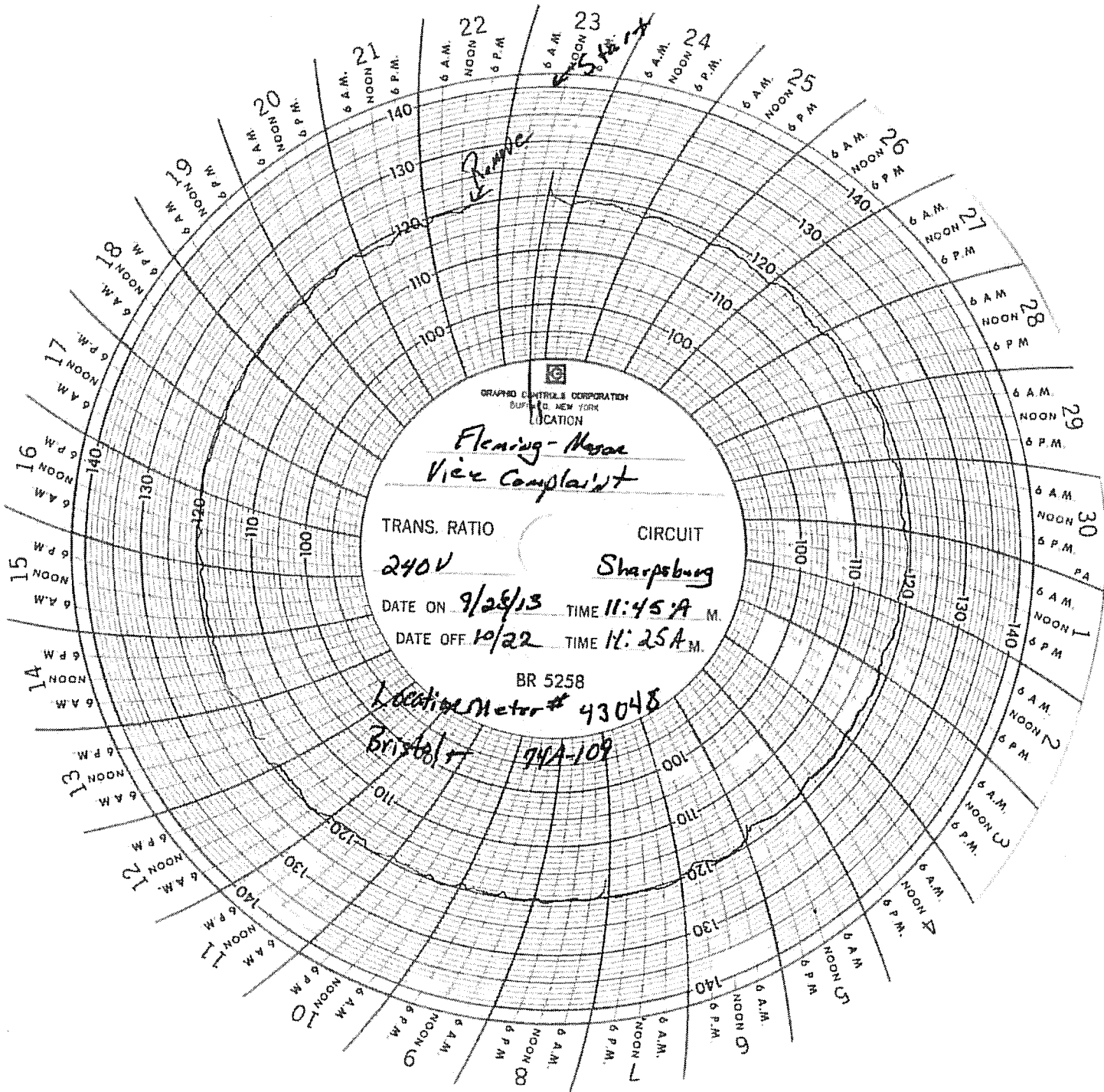
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BR 5258

Location Meter # 43048

Bristol

74A-109



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

LOCATION

*Fleming-Mason
Vice Complaint*

TRANS. RATIO

240V

CIRCUIT

*Sharpsburg
Circuit*

DATE ON *9/23*

TIME *10:45 A M.*

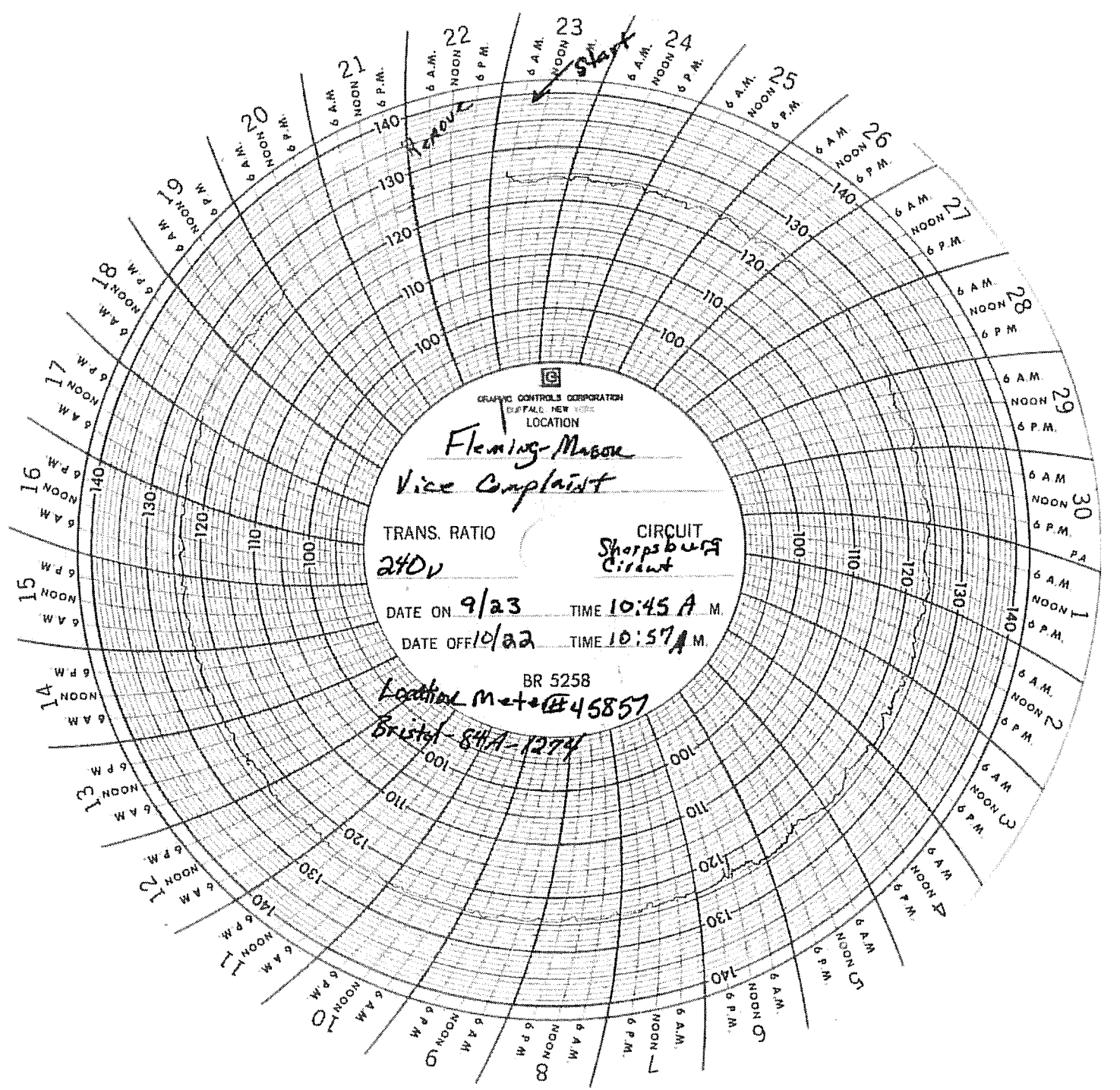
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TIME *10:57 A M.*

BR 5258

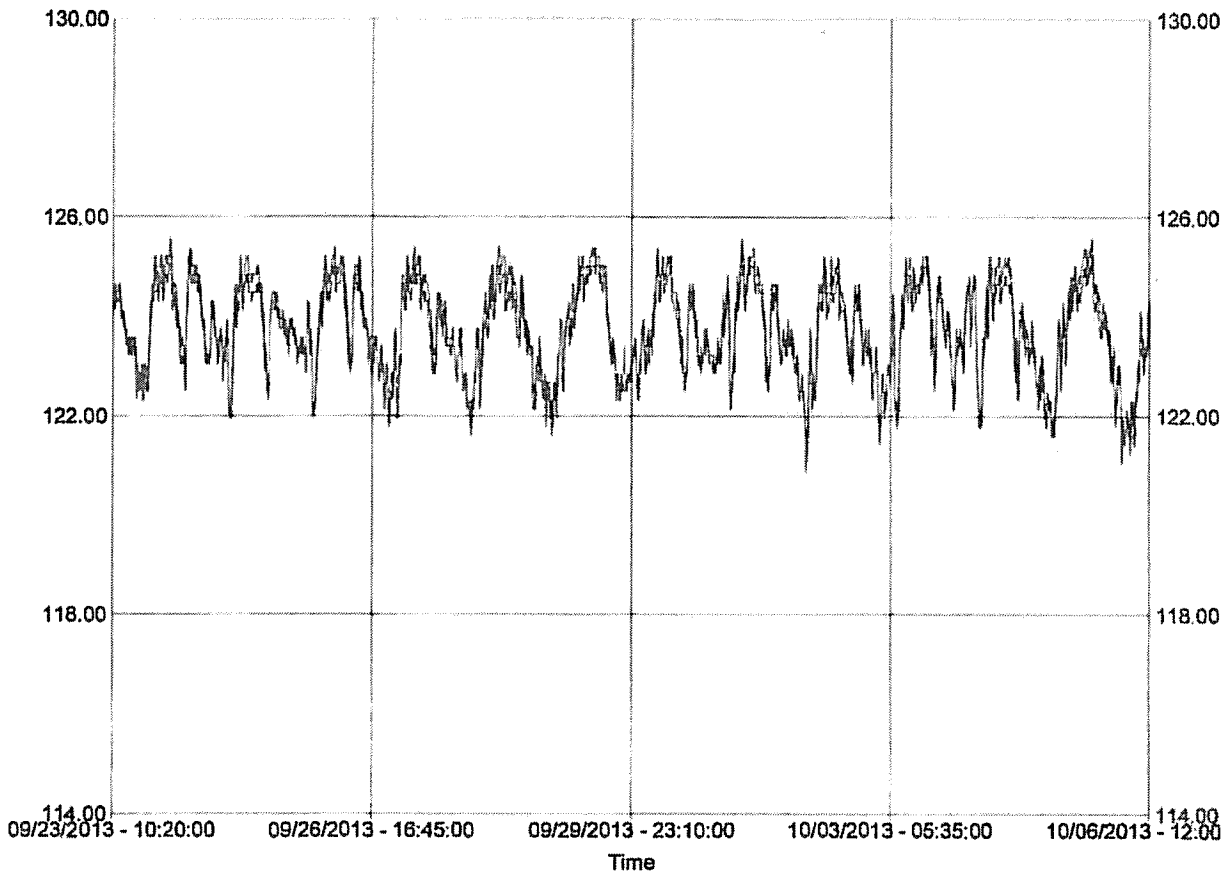
Location Meter #45857

Bristol 84A-1274

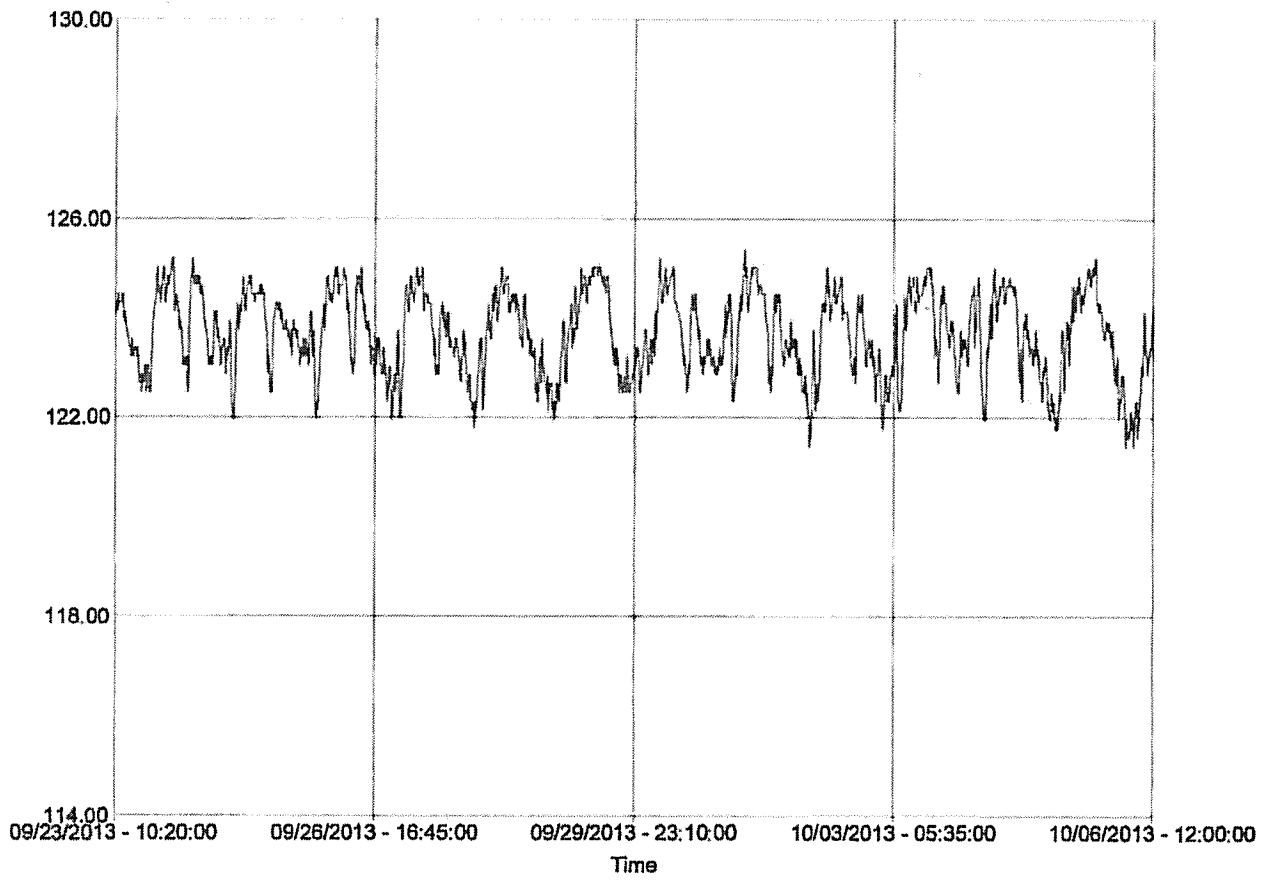


ATTACHMENT B

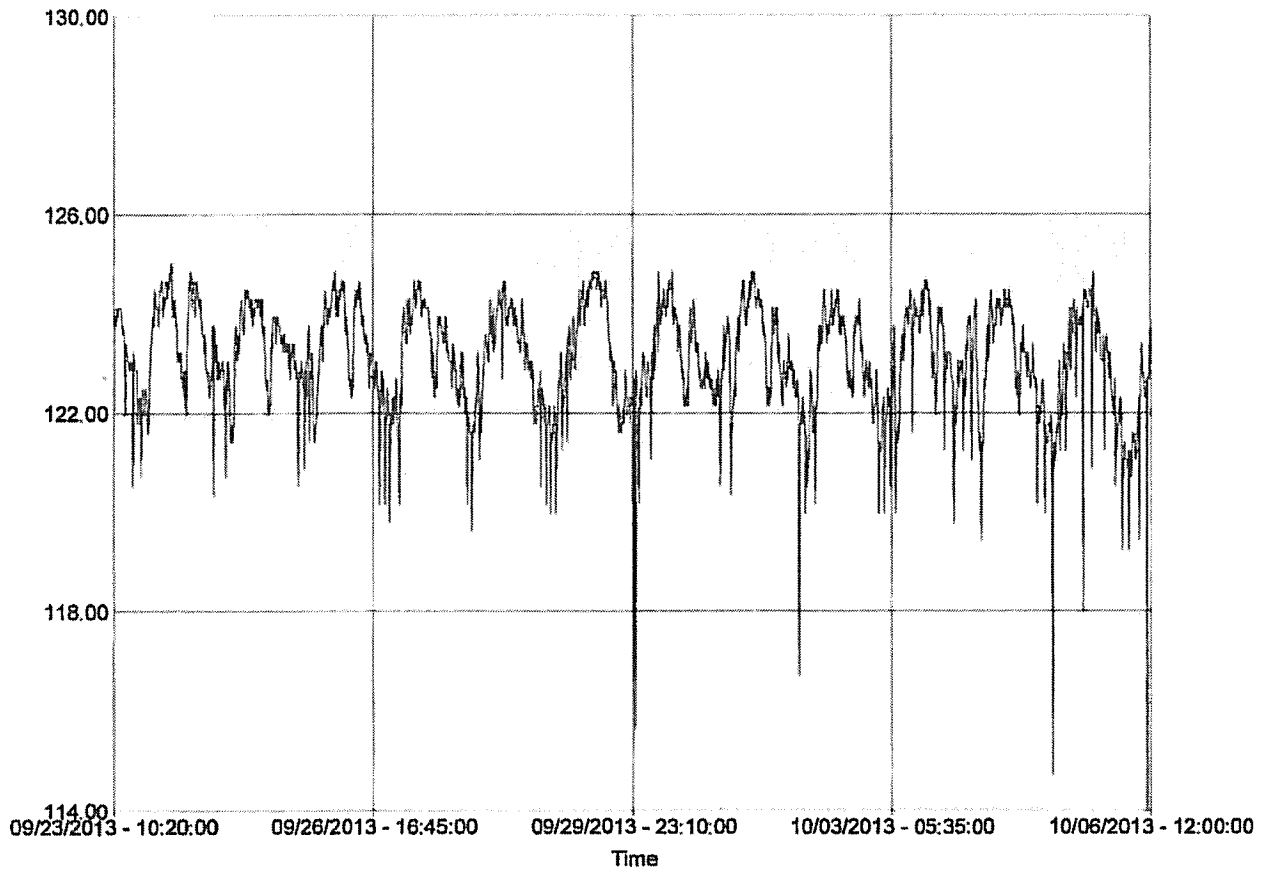
Vice



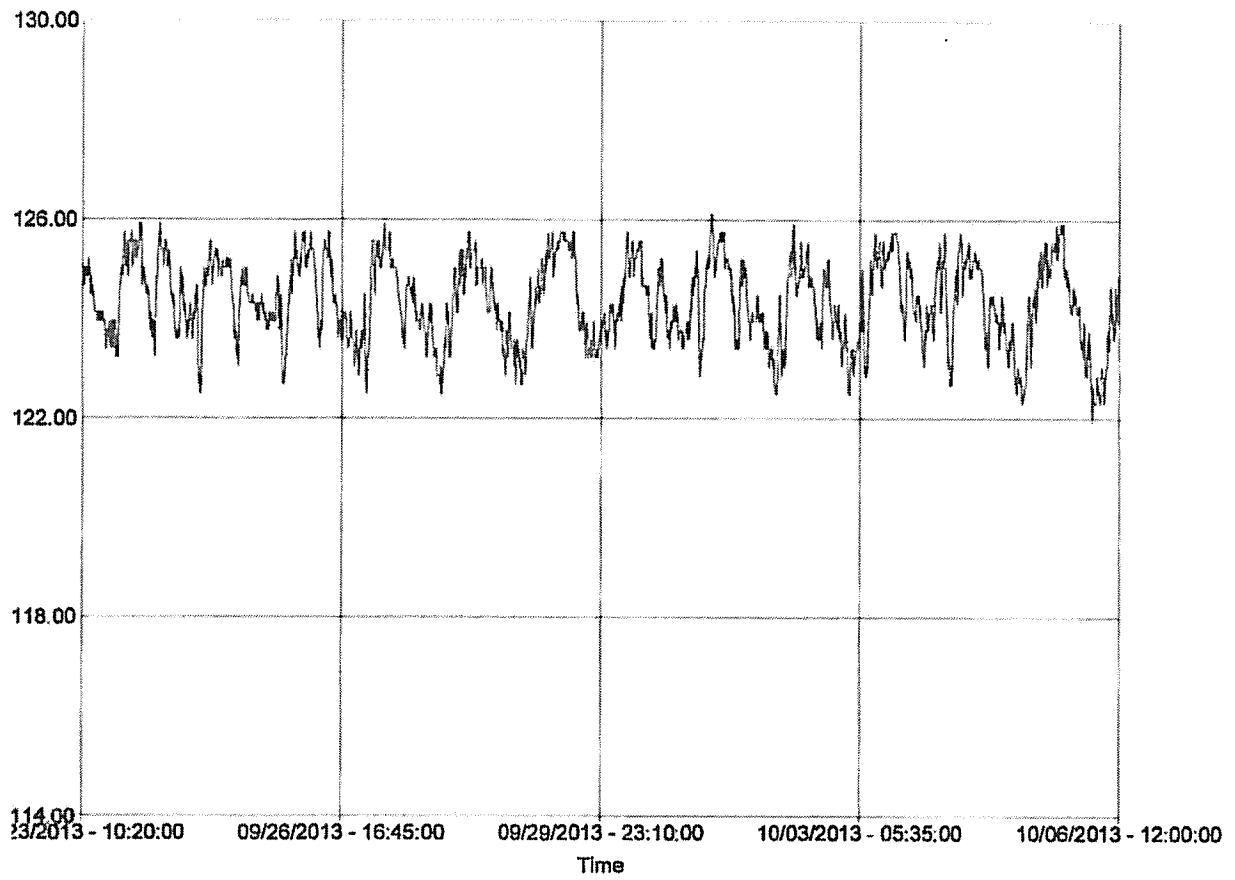
Vice



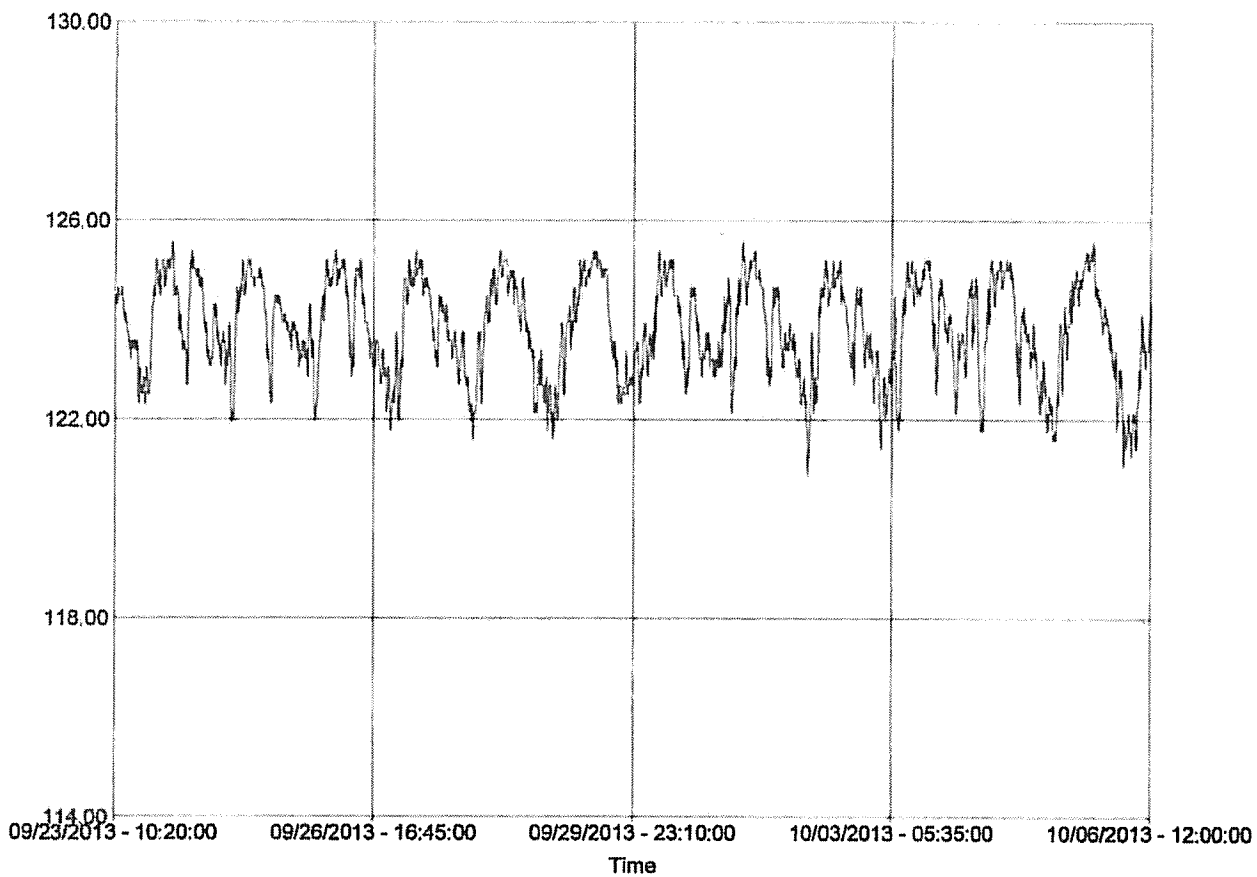
Vice



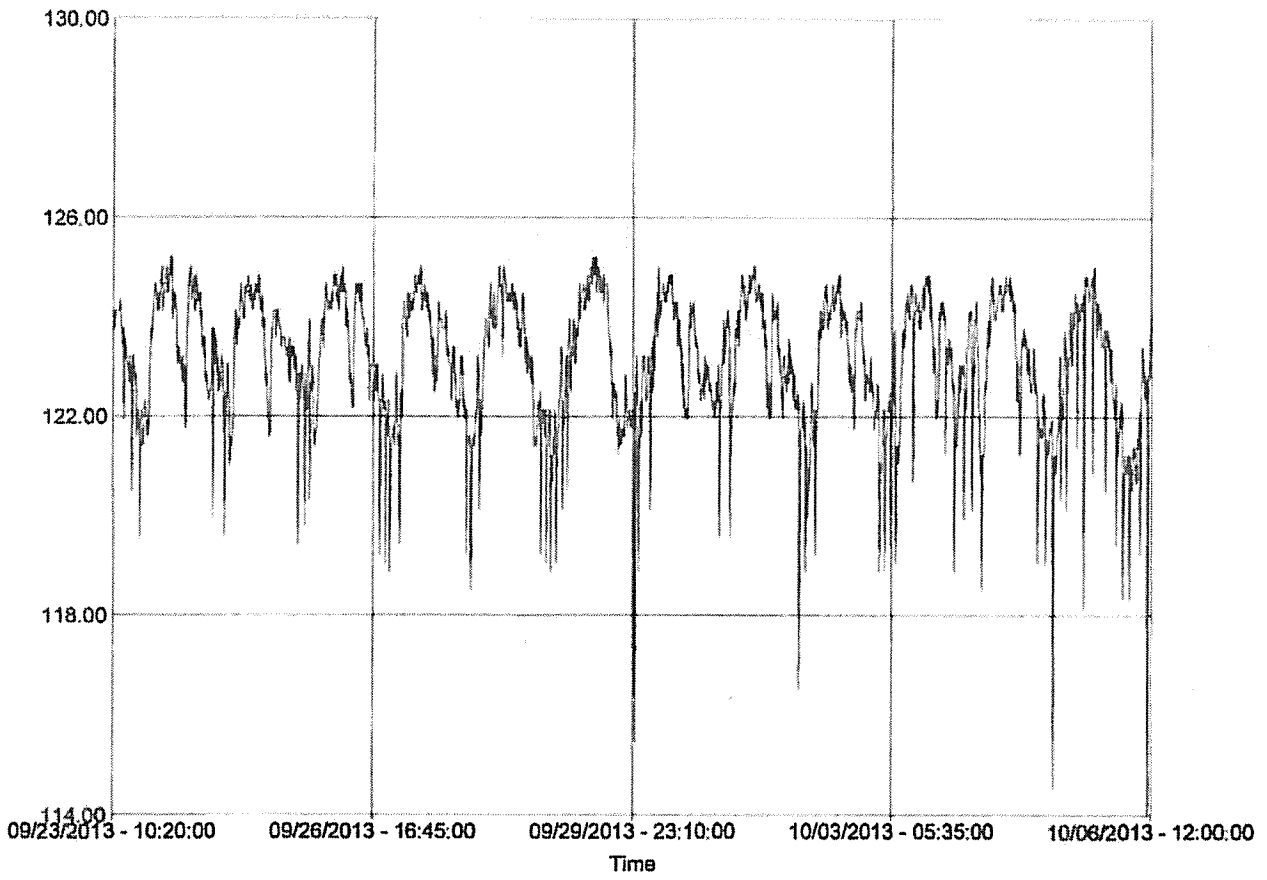
Vice



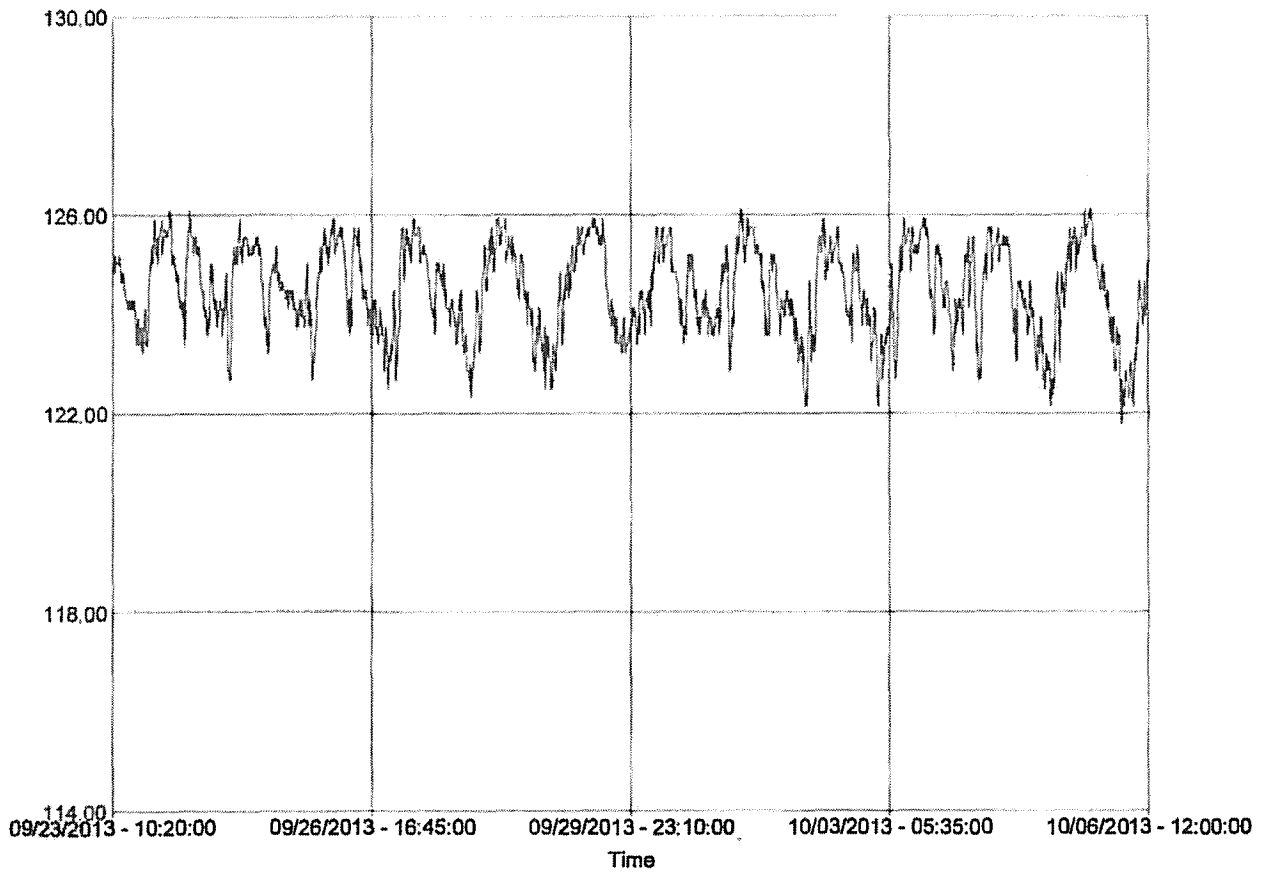
Vice



Vice



Vice



Christopher S Perry
President & CEO
Fleming-Mason Energy Cooperative, Inc.
1449 Elizaville Road
P. O. Box 328
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Jeffrey and Christy Vice
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Sharpsburg, KENTUCKY 40374