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BCUC File 56180

January 30, 2019

British Columbia Utilities Commission
Suite 410, 900 Howe Street
Vancouver, BC
V6Z 2N3

Attention: Mr. Patrick Wruck, Commission Secretary and Manager, Regulatory Support

Dear Mr. Wruck:

Re: FortisBC Inc. (FBC)

**Advanced Metering Infrastructure (AMI) Fire Incident Semi-Annual Report for
the Period July 1, 2018 to December 31, 2018**

Pursuant to British Columbia Utilities Commission Order G-124-16, attached is FBC's AMI Fire Incident Semi-Annual Report for the period July 1, 2018 to December 31, 2018.

If further information is required, please contact Sarah Wagner at 250-469-6081.

Sincerely,

FORTISBC INC.

Original signed:

Doug Slater

Attachment



FORTISBC INC.

**AMI Fire Incident Report for the Period
ending December 31, 2018**

Filing in Accordance with
BCUC Order G-124-16

January 30, 2019

1. INTRODUCTION

Pursuant to British Columbia Utilities Commission (BCUC) Order G-124-16, dated July 28, 2016, the British Columbia Hydro and Power Authority and FortisBC Inc. (FBC) have been directed to report on a semi-annual basis to the BCUC all incidents where a meter and/or meter base is reasonably assessed to be the possible or likely source of a high temperature or fire event that results in the meter and/or meter base requiring replacement.

2. HIGH TEMPERATURE INCIDENTS

During the reporting period of July 1, 2018 to December 31, 2018, FBC experienced two incidents of heat or arcing at or around the meter and/or meter base.

2.1 INCIDENT 1 (2447)

- **Date:** July 12, 2018
- **Badge Number:** [REDACTED]
- **Event Type:** High Temperature
- **Timing:** Incident occurred post meter installation. Originally installed March 2015.
- **Incident Summary:** The customer called FBC to investigate a meter that appeared to have heat damage. Upon arrival, FortisBC PLTs confirmed that there had been some arcing between the customer-owned meter base and one jaw. Upon investigation, it was determined that one of the meter base jaws was making poor contact with the meter lug/stab. The arcing caused by this problem had melted a portion of the back of the meter and caused carbon buildup on the meter cover. FBC disconnected power for the electrician to fix the meter base and reconnected the service when the repair was complete. The damaged meter was replaced. The investigation concluded that the meter was not the cause of the incident; rather, the poor base connection caused the issue.

2.2 INCIDENT 2 (2534)

- **Date:** August 10, 2018
- **Badge Number:** [REDACTED]
- **Event Type:** High Temperature
- **Timing:** Incident occurred post meter installation. Originally installed March 2015.
- **Incident Summary:** The customer called FBC to report meter making popping and crackling sounds. Customer was an electrician and removed the meter to fix the broken meter base jaw against FBC's electrical service terms and conditions. FBC followed up

1 with the customer regarding their breach of FBC's terms and conditions. As the customer-
2 owned meter base had already been fixed it is difficult to conclusively determine a cause.
3 Examination of the meter indicated likely minor arcing around one lug/stab. The damaged
4 meter was replaced.
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