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January 30, 2017

British Columbia Utilities Commission
6th Floor, 900 Howe Street
Vancouver, BC
V6Z 2N3

Attention: Ms. Laurel Ross, Acting Commission Secretary and Director

Dear Ms. Ross:

Re: FortisBC Inc. (FBC)

**Advanced Metering Infrastructure (AMI) Fire Incident Semi-Annual Report for
the Period July 1, 2016 to December 31, 2016**

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, 2016 to December 31, 2016.

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

Sincerely,

FORTISBC INC.

Original signed:

Diane Roy

Attachment



FORTISBC INC.

**AMI Fire Incident Report for the Period
ending December 31, 2016**

Filing in Accordance with
Commission Order G-124-16

January 30, 2017

1. INTRODUCTION

Pursuant to British Columbia Utilities Commission (the Commission) 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 Commission 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. FIRE INCIDENTS

During the reporting period of July 1, 2016 to December 31, 2016, FBC experienced two incidents of heat or arcing at or around the meter and/or meter base. Descriptions of each incident follow.

2.1 INCIDENT 1

- **Date:** July 18, 2016
- **Badge Number:** 6024603
- **Event Type:** High Temperature
- **Timing:** Incident occurred post meter installation. Originally installed January 2015
- **Incident Summary:** The customer called the Contact Centre reporting they had been experiencing power quality issues for several weeks. A FBC Power Line Technician (PLT) attended the site and checked the service. There was a clear indication that a line side meter base jaw was broken. A poor connection between the meter blade and meter base socket caused arcing and heat, eventually melting the back of the meter adjacent to the blade. The meter base jaws required replacement. The investigation concluded that the meter was not the cause of the incident; rather, the base connection caused the issue.

2.2 INCIDENT 2

- **Date:** December 16, 2016
- **Badge Number:** 6012585
- **Event Type:** High Temperature
- **Timing:** Incident occurred post meter installation. Originally installed March 2016
- **Incident Summary:** The customer called the Contact Centre reporting voltage surges. A FBC PLT attended the site and noted damage to the pole-mounted lightning arrester that protects the distribution transformer from lightning surges. The PLT also noted that

- 1 the meter sustained heat damage; however, the preliminary investigation indicates that
- 2 the meter is not suspected as the cause. The incident is still under further investigation
- 3 by FBC and an update will be provided in the next Fire Incident Report.