

**Diane Roy** Vice President, Regulatory Affairs

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January 30, 2017

British Columbia Utilities Commission 6<sup>th</sup> 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 **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.

8 2. FIRE INCIDENTS

9 During the reporting period of July 1, 2016 to December 31, 2016, FBC experienced two 10 incidents of heat or arcing at or around the meter and/or meter base. Descriptions of each 11 incident follow.

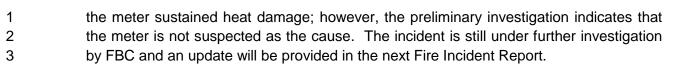
### 12 **2.1** INCIDENT **1**

- 13 Date: July 18, 2016
- 14 Badge Number: 6024603
- 15 Event Type: High Temperature
- **Timing:** Incident occurred post meter installation. Originally installed January 2015
- 17 Incident Summary: The customer called the Contact Centre reporting they had been • 18 experiencing power quality issues for several weeks. A FBC Power Line Technician 19 (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 20 21 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 22 23 that the meter was not the cause of the incident; rather, the base connection caused the 24 issue.

### 25 **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 arrestor
   that protects the distribution transformer from lightning surges. The PLT also noted that

FORTIS BC<sup>\*</sup>



FORTIS BC<sup>\*\*</sup>