

**PACIFIC GAS AND ELECTRIC COMPANY
General Rate Case 2011 Phase I
Application 09-12-020
Data Response**

PG&E Data Request No.:	DRA_206-05d		
PG&E File Name:	GRC2011-Ph-I_DR_DRA_206-Q05d		
Request Date:	March 12, 2010	Requester DR No.:	DRA-206-TLG
Date Sent:	April 1, 2010	Requesting Party:	DRA
PG&E Witness:	Redacted	Requester:	Tamera Godfrey

SUBJECT: ELECTRIC DISTRIBUTION OPERATIONS AND MAINTENANCE EXPENSES FOR MWC BF, BG, AND BK.

QUESTION 5D

PG&E forecasted \$0.467 million for Insulator Washing in 2011 and this is an increase of \$0.290 million or 164% over 2008 expenses. PG&E forecasted 10,000 units in 2011 for Insulator Washing and this is an increase of 7,773 or 349% over 2008 units of 2,227.

- d) Provide the documentation that demonstrates and explains in detail the difference between insulator washes discussed in Chapter 2 on page 2-33 and insulator washes discussed in Chapter 8 on page 8-17.

ANSWER 5D

Chapter 2 addresses washing insulators on overhead distribution lines. Chapter 8 addresses washing insulators in substations. While the basic purpose of washing insulators in substations and on distribution lines is the same, to remove contaminants, the insulators themselves are located in different places (substations vs. overhead distribution lines) and require different washing procedures. Attachment GRC2011-Ph-I_DR_DRA_206-Q05dAtch01 shows the washing procedures for substation (pages 5-1 through 5-29) and distribution line (pages 3-1 through 3-7) insulators. The attachment is a portion of PG&E's Insulator Cleaning Manual. Because the manual is voluminous, PG&E is providing the most relevant portions.