

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

PG&E Data Request No.:	DRA_206-02d		
PG&E File Name:	GRC2011-Ph-I_DR_DRA_206-Q02d		
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 2D

PG&E forecasted \$7.313 million in 2011 for overhead equipment requiring repair which is an increase of 48.37% over 2008 recorded expenses of \$4.929 million. PG&E forecasted \$2.184 million in 2011 for underground equipment requiring repair which is an increase of 27.20% over 2008 recorded expenses of \$1.717 million. PG&E claims that this work “addresses inoperative equipment.

- d) Provide the documentation that explains in detail if PG&E’s “accumulated units that were previously rescheduled” for repair negatively impacted system safety and reliability or any other operational needs. If so, explain in detail why this work that negatively impacted system safety and reliability was deferred.

ANSWER 2D

As indicated in Exhibit (PG&E-3), Chapter 1, page 1-35, lines 8-17, due to higher priority T&D work, some electric maintenance work was rescheduled. As a result, PG&E managed this Equipment Requiring Repair (ERR) work on a short-term basis by rescheduling this work because customers continued to receive electricity service. However, the equipment still needs to be made operative to enable improved operational needs.

Shown below are the types and count of ERR that are included PG&E’ 2011 forecast for accumulated ERR units that were previously scheduled (or identified as needing repair) when the GRC Forecast was prepared. These units have been accumulating since 2002, however, the vast majority of them fall into the 2005 to 2009 timeframe.

Rescheduling of these ERR units did not significantly impact safety or reliability. Although the equipment was inoperative, PG&E continued to serve customers via another means (such as customer service rerouted to another circuit). In some instances, reliability may have been slightly impacted by the extended outage

restoration times that result from inoperable automatic protective equipment. (Note, capacitor banks on this list are ERR, but do not impact safety and reliability, rather they affect power quality.)

Equipment Type	ILIS ERR Backlog	
	Estimated Distrib Line Units Only	% of Total
Switch	712	37%
Cable	297	15%
Line Recloser	184	10%
Fuse	175	9%
Regulator	158	8%
Capacitor Bank	111	6%
Other	92	5%
Transformer	62	3%
Interrupter	36	2%
Sectionalizer	26	1%
Booster	21	1%
COIS	13	1%
Network	10	1%
Disconnect	9	0%
Jumpers	6	0%
Autobooster	4	0%
Stepdown	4	0%
Circuit Breaker	0	0%
Substation	0	0%
(blank)	0	0%
Total	1,920	