

**PACIFIC GAS AND ELECTRIC COMPANY
Bakersfield Customers' Issue
Data Response**

PG&E Data Request No.:	ED_019		
PG&E File Name:	Bakersfield_DR_ED_019-Q04		
Request Date:	December 9, 2009	Requester DR No.:	
Date Sent:		Requesting Party:	ED
PG&E Witness:		Requester:	Steve Roscow

QUESTION 4

The following question is related to PG&E's weather stations and weather data: Does PG&E have a weather station in Bakersfield or Fresno? If it does, please provide PG&E's 2006-2009 weather data from its weather station(s) for both cities.

ANSWER 4

PG&E operates weather stations located in Fresno and Bakersfield as part of a load management program. At each site PG&E records half-hour average temperature data. Due to the fact that PG&E's stations are not sited at the same location as the National Weather Service stations, and that the National Weather Service stations report absolute maximum and minimum temperatures (which will differ from half hour average maximums and minimums) there will not be a perfect correlation between PG&E and National Weather Service datasets.

Data from PG&E's weather stations at Fresno and Bakersfield for the periods May through October, 2006 to 2009, are listed in separate worksheets in the attached Excel workbook ("Bakersfield DR_ED_019_Q4att"). Please note that all temperatures are half hour averages, and all times listed are half hour ending, PST. Column headers in each worksheet explain the data fields.

The number of days with a single 30 minute interval over 100 degrees is provided below based on the attached files for Bakersfield and Fresno.

BAKERSFIELD				
Days with 1 or more 30 minute interval over 100 degrees				
	2006	2007	2008	2009
June	10	4	9	6
July	20	14	9	19
Aug	3	11	17	7
Sept	5	3	5	6

FRESNO				
Days with 1 or more 30 minute interval over 100 degrees				
	200	200	200	200
	6	7	8	9
June	11	5	9	6
July	21	13	11	18
Aug	4	14	17	13
Sept	4	3	5	13