

**PALOMAR ENERGY PROJECT (01-AFC-24)
CEC STAFF DATA REQUEST NUMBER 113**

Technical Area: Visual Resources

Response Date: April 8, 2002

REQUEST:

For staff to completely assess the plume formation potential of the HRSG exhaust, please at a minimum provide HRSG exhaust parameter data to fill the following table.

Full load with Maximum Duct Firing and Power Augmentation			
Ambient Condition	Moisture Content (% by Weight)	Exhaust Flow Rate (lbs/hr)	Exhaust Temperature (°F)
20°F			
62°F			
110°F			

RESPONSE:

The table has been completed as follows:

Full load with Maximum Duct Firing and Power Augmentation			
Ambient Condition	Moisture Content (% by Weight)	Exhaust Flow Rate (lbs/hr)	Exhaust Temperature (°F)
20°F	5.06	3,775,527	186
62°F	5.90	3,517,961	186
110°F	7.36	3,295,502	186