

DOCKETED

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Application for Certification (15-AFC-01)

Puente Power Project (P3)
Oxnard, CA

Responses to Robert Sarvey's Data Request Set 1



April 2016

Submitted to:
The California Energy Commission



Prepared by:



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RESPONSES TO ROBERT SARVEY'S DATA REQUESTS SET 1

PROJECT OPERATIONS
1 AND 2

LIST OF ACRONYMS AND ABBREVIATIONS USED IN RESPONSES

AFC	Application for Certification
P3	Puente Power Project

Technical Area: Project Operations

BACKGROUND:

When the Puente Power Plant is not in operation it still requires electricity to keep the balance of the plant operable. This is traditionally called parasitic load.

DATA REQUEST

1. ***What is the parasitic load of the Puente Power Plant.***

RESPONSE

The estimated parasitic load of the Puente Power Project (P3) generating unit is approximately 1.25 megawatts total at plant standby load.

DATA REQUEST

- 2. Please provide NRG's expected number of hours that the plant will be operating.**

RESPONSE

P3 is expected to be a peaking facility that will be dispatched and used only when needed. It is difficult to predict the expected number of hours the plant will operate. NRG's current forecasts indicate that the plant will likely operate substantially less than permitted, on the order of 5 percent or less annual capacity factor. However, to be conservative, permitting and environmental analysis are based on an estimate of the expected maximum number of hours the facility could operate.

Thus, the expected maximum number of hours that the P3 combustion turbine generator will operate is approximately 2,150 hours per year (see Table B-11 in TN # 206918, Letter to Ventura County Air Pollution Control District regarding Application for an Authority to Construct, December 10, 2015). These hours include startup, normal operation, and shutdown.