

DOCKETED

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PETITION FOR MODIFICATION

Use of Recycled Water and Associated Facilities

for the

Sacramento Power Authority's Campbell Cogeneration Project

Sacramento, California
(93-AFC-3C)

Data Response, Set 4
(Response to Soil & Water
Data Requests 1 through 3)

Submitted to:

California Energy Commission

Prepared for

Sacramento Power Authority

April 19, 2016

With Assistance from



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Introduction

Attached are the Sacramento Power Authority's (SPA) responses to the California Energy Commission (CEC) Staff's Soil & Water Data Request 1 through 3 for the SPA's Campbell Cogeneration Project (93-AFC-3C). The CEC Staff served this data request on March 8, 2016. The data request text used in this response has been extracted from the CEC's data request.

Soil & Water

Data Requests:

- 1- Please provide a will-serve letter from the supplier of the recycled water stating that it has recycled water in sufficient amounts to serve the project;

Response: Please see attached letter from the Regional San (Attachment S&W-1).

- 2- Please provide a will-serve letter from the recipient of the project wastewater stating that it is willing to accept the increased discharges and the different quality wastewater that would be discharged by the project to the city sewer; and

Response: Please see attached letter from the Regional San (Attachment S&W-1). In discussion with Regional San prior to the issuance of the attached Will-Serve letter, Regional San indicated that the letter would address the expected continuous flow rates. Hence, the 300 gpm is an estimate of the expected continuous flow from the cooling tower blowdown system. Regional San completely understands that SPAC will have other pulse flow or batch discharge requirements that dramatically exceed this amount. Regional San also verbally acknowledged the fact that SPAC has other wastewater streams in addition to the cooling tower.

- 3- Please ask the purveyor of the recycled water to prepare a water supply assessment if it determines that one is needed, and submit a copy to the CPM so that Staff can complete its analysis of the petition to amend the project.

Response: Please see attached letter from the Regional San (Attachment S&W-1).

Attachment S&W-1
Will Serve Letter from Regional San



REGIONALSAN

TAKING THE WASTE OUT OF WATER

Sacramento Regional County Sanitation District

Main Office

10060 Goethe Road
Sacramento, CA 95827-3553
Tel: 916.876.6000
Fax: 916.876.6160

Treatment Plant

8521 Laguna Station Road
Elk Grove, CA 95758-9550
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Board of Directors

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County of Sacramento

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Ruben Robles

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Christoph Dobson

Director of Policy & Planning

Karen Stoyanowski

Director of Internal Services

Joseph Maestretti

Chief Financial Officer

Claudia Goss

Public Affairs Manager

www.regionalsan.com

April 18, 2016

Mr. Ross Gould
Manager, Thermal Generation and Pipeline Assets
Power Generation
Sacramento Municipal Utility District
4401 Bradshaw Road, Mail Stop EA405,
Sacramento, CA 95827-3834

Subject: "Will Serve" Letter - Recycled Water Supply and Wastewater Discharge

Dear Ross:

This "Will Serve" letter is for the Sacramento Power Authority (SPA) concerning the availability of recycled water and the increased discharge of wastewater into the sewer system for the SPA's Campbell Cogeneration Project (SPAC).

This letter is to advise you that the Sacramento Regional County Sanitation District (Regional San) is willing and able to provide SPAC with Title 22 tertiary recycled water up to an annual maximum amount of 1,000 acre-feet per year, and is able to accept your volume of about 300 gallons per minute (gpm) of wastewater return.

In addition, since SPAC is keeping its existing connection to the City of Sacramento's potable water system, Regional San, as the producer and purveyor of the recycled water, does not see the need to prepare a water supply assessment to provide recycled water service to the SPAC.

As you are aware, Regional San is in the process of constructing a recycled water pipeline from our facility to the SPAC. We will be willing to serve the project as soon as the pipeline is operational, which is anticipated to be by July 31, 2017.

If you have any questions regarding this letter, please contact me at (916) 876-6059.

Sincerely,

José R. Ramírez, P.E.
Senior Civil Engineer