

**From:** "Michael Bevins" <pwdir@ccis.com>  
**To:** "Eric Solorio" <ESolorio@energy.state.ca.us>  
**CC:** "Linda Lunsford" <citymgr@ccis.com>, "Scott Busa" <Scott.busa@nexteraene...  
**Date:** 6/26/2009 8:22 AM  
**Subject:** Rosamond CSD Recycled Water for Nextera Energy's Beacon Solar Project  
**Attachments:** Beacon Extension 3.xls

Eric Solorio

California Energy Commission

<b>DOCKET</b>	
<b>08-AFC-2</b>	
DATE	<u>06/26/09</u>
RECD.	<u>06/26/09</u>

Last night the City Council of the City of California City met to review Rosamond Community Service District's (CSD) proposal to provide recycled water to the Beacon Solar project near Cantil. After careful review of the proposal, the Council voted 5 - 0 to support Rosamond CSD's proposal to provide recycled water to the Beacon Solar project (Beacon).

We believe Rosamond's proposed pipe alignments either along Airway Blvd or California City Blvd and Neuralia will be a positive addition to our community.

A project of this magnitude will evolve as it moves through the various legal, environmental and final engineering stages. Should the project be judged unworkable by Rosamond CSD, the State, or Nextera, the City Council of California City also approved last night by a 5 - 0 vote to propose a recycled water project for Beacon based on expanding California City's recycled water capacity.

The terms and conditions would be based on those negotiated with Rosamond CSD. Attached is a preliminary project capital budget. The project focuses on expanding sewer service to 1,275 new residences, which currently receive water service, but use septic tanks. Our treatment plant needs relatively minor upgrades to meet the additional flow demands, having been designed to a capacity of 1.5 mgd. Part of the budget includes upgrades to California City's recycled water irrigation system, which would allow us to more efficiently use water.

A return groundwater pipeline would be installed to initially provide some of the irrigation supply moved to Beacon. Over time, California City's natural growth would reduce our need to use ground water for irrigation.

The California City proposed recycled water project is presented as a back up design, only if the Rosamond CSD recycled water project encounters obstacles that cannot be overcome.

We cannot emphasize too strongly, that we prefer the construction of the Rosamond CSD proposal.

Please feel free to contact us at your convenience to discuss the matter.

Michael J. Bevins

Public Works Director

City of California City

**Beacon Solar/Cal City Joint Water Exchange Project  
Draft Capital Cost 2**

<u>Description</u>	<u>Miles</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Beacon</u>	<u>Cal City</u>	<u>Total Cost</u>
<b>Tertiary Line on (A) Neuralia from Beacon to Mendiburu in Cal City and (B) on Mendiburu from Neuralia to WWTP</b>							
(A) 12" C-900 Pipe	9.57	50,530	Foot	\$200.00	10,106,000.00 +		10,106,000.00
(B) 12" C-900 Pipe	5.50	29,040	Foot	\$200.00	5,808,000.00 +		5,808,000.00
<b>Cal City Sewer Line Expansion</b>							
12" Sewer Line on CCB from 83rd to Hacienda (		12,000	Foot	\$250.00	3,000,000.00 +		3,000,000.00
12" Sewer Line on CCB from 83rd to Hacienda (		12,000	Foot	\$250.00		3,000,000.00	3,000,000.00
Abandonment of Septic and Seepage		74	Each	\$1,000.00		74,000.00	74,000.00
Sewer Connection Fee		74	Each	-\$1,500.00		(111,000.00)	(111,000.00)
South of CCB and East of Neuralia		5	Each	\$5,000,000.00	25,000,000.00 +		25,000,000.00
Abandonment of Septic and Seepage		1,275	Each	\$1,000.00		1,275,000.00	1,275,000.00
Sewer Connection Fee		1,275	Each	-\$1,500.00		(1,912,500.00)	(1,912,500.00)
[2,498 RE @ .57 AVG. Af/Yr Discharge = 1,424 Avg. Af/Yr 1,461 Existing RE + 1,037 New RE = 2,498 RE Sewer Line Expansion = 1,275 RE <b>2,754 Non Sewer Water Connections</b> 2007 Effluent 846 Af with 1,461RE = 0.57 AF/Yr/RE]							
<b>Cal City WWTP Capacity Upgrades</b>							
Head Works		1	Each	\$350,000.00	350,000.00 +		350,000.00
Lift Station		1	Each	\$100,000.00	100,000.00 +		100,000.00
Filter		1	Each	\$1,500,000.00	1,500,000.00 +		1,500,000.00
Booster Station		1	Each	\$350,000.00	350,000.00 +		350,000.00
Golf Course Irrigation Upgrades		1	Each	\$2,000,000.00		2,000,000.00	2,000,000.00
<b>Potable Water Line from (C) Beacon to Neuralia @ Mendiburu and (D) Mendiburu from Rusche to Hacienda in Cal City*</b>							
(C) 12" C-900 Pipe	9.57	50,530	Foot	\$200.00	10,106,000.00 +		10,106,000.00
(D) 12" C-900 Pipe	1.00	5,280	Foot	\$200.00		1,056,000.00	1,056,000.00
Booster Station		2	Each	\$1,000,000.00	2,000,000.00 +		2,000,000.00
Chlorination Station		1	Each	\$65,000.00	<u>65,000.00</u> +		<u>65,000.00</u>
*Assumes Existing Well Meets Health Standards for Potable Water ** New Sewer Revenue [\$23.46 x 12 x 1,349 = \$379,770.48] + Engineering Included Contingency 538,150.00 Engineering 807,225.00							
Total Project Cost:					58,385,000.00	6,726,875.00 **	65,111,875.00



**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA  
1516 NINTH STREET, SACRAMENTO, CA 95814  
1-800-822-6228 – WWW.ENERGY.CA.GOV**

APPLICATION FOR CERTIFICATION  
For the *BEACON SOLAR ENERGY  
PROJECT*

Docket No. 08-AFC-2

PROOF OF SERVICE

*(Revised 4/28/09)*

**APPLICANT**

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**DECLARATION OF SERVICE**

I, Maria Santourdjian, declare that on June 26, 2009, I served and filed copies of the attached CA City Proposal to Provide Treated Wastewater to Beacon Solar (08-AFC-2). The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: **[[www.energy.ca.gov/sitingcases/beacon](http://www.energy.ca.gov/sitingcases/beacon)]**. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

**(Check all that Apply)**

**FOR SERVICE TO ALL OTHER PARTIES:**

  x   sent electronically to all email addresses on the Proof of Service list;

  x   by personal delivery or by depositing in the United States mail at \_\_\_\_\_ with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

**AND**

**FOR FILING WITH THE ENERGY COMMISSION:**

  x   sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (***preferred method***);

**OR**

\_\_\_\_\_ depositing in the mail an original and 12 paper copies, as follows:

**CALIFORNIA ENERGY COMMISSION**

Attn: Docket No. \_\_\_\_\_

1516 Ninth Street, MS-4

Sacramento, CA 95814-5512

[docket@energy.state.ca.us](mailto:docket@energy.state.ca.us)

I declare under penalty of perjury that the foregoing is true and correct.

Original Signature in Dockets  
Maria Santourdjian