

APPENDIX 5.15A

Request for a Will Serve Letter



NRG West Coast LLC
1819 Aston Avenue, Suite 105
Carlsbad, CA 92008

Direct Phone: (760) 710-2144

July 6, 2007

Mr. Bill Plummer
Deputy City Engineer
City of Carlsbad
Engineering Department
1635 Faraday Avenue
Carlsbad, California 92008

**RE: Request for Service for Water Supply & Sewer Interconnection –
Proposed New Power Generation Equipment at the Encina Power Station**

Dear Mr. Plummer:

NRG West Coast LLC (NRG West) is considering development of additional power generation resources for the San Diego Region at the Encina Power Station in the City of Carlsbad. Under the California Energy Commission (CEC) procedures, the evaluation of proposed power generating facilities begins with an “Application for Certification” (AFC). As part of the AFC process, it is necessary, among other things, to identify adequate water and sewer availability and capacity for a proposed new facility.

Recently, we met with you and Mr. Terry Smith of the City of Carlsbad to discuss the utilization of California Code of Regulations (CCR) Title 22 reclaimed water as the primary source of process water for the proposed new power generating equipment at NRG West’s Encina Power Station, as well as the source for landscape irrigation water. We also discussed the interconnection of the new power generating equipment for wastewater discharge service (industrial and domestic wastewater) to the City of Carlsbad’s existing sewer infrastructure that runs through the existing facility. In addition to the CCR Title 22 reclaimed water, the new power generating project would also require potable water for non-industrial uses such as water taps, toilets, safety showers/emergency eye washes, and fire protection.

Based on the discussion at the meeting, it appears the City of Carlsbad has the supply and infrastructure available to provide service for reclaimed and potable water, and sewer discharge for the new power generating equipment.

During the meeting, it was agreed that the best course of action was for NRG West to request a “Will Serve” letter from the City of Carlsbad to supply the project with

reclaimed and potable water, and for the City to provide the interconnection for sewer discharge. Specifically, we are in need of a “Will Serve” letter to meet the power plant site certification regulations of the CEC for the new power generating equipment. The CEC requires a “Will Serve” letter that indicates the willingness and ability of the City to furnish/meet the needs of the project.

The table below provides the project’s requirements for CCR Title 22 reclaimed water and its requirement for potable water on a peak daily and yearly average basis.

Peak Daily Water Use

	<u>Gallons/Minute (gpm)</u>	<u>Gallons/Day</u>
Reclaimed	945	1,360,800
Potable (normal)	12	17,200
Potable (Infrequent/fire water storage refill)		
	500 (minimum)	240,000

Yearly Average Water Use

	<u>Gallons/Minute (gpm)</u>	<u>Gallons/Year</u>
Reclaimed	320	168,300,000
Potable	12	6,307,000

To support the use of CCR Title 22 reclaimed water for the project’s process water, the reclaimed water will be passed through a reverse osmosis system to treat the water to be used by the proposed power generating equipment. This process will return approximately thirty percent (30%) of the reclaimed water it receives as well as domestic wastewater discharge to the sewer connection. The table below provides the project’s requirement for industrial and domestic wastewater sewer discharge on a peak daily and yearly average basis.

Peak Daily Discharge

	<u>Gallons/Minute (gpm)</u>	<u>Gallons/Day</u>
Industrial	290	417,600
Domestic	<u>12</u>	<u>17,200</u>
Combined	302	434,800

	<u>Gallons/Minute (gpm)</u>	<u>Gallons/Year</u>
Industrial	107.2	56,344,320
Domestic	<u>12</u>	<u>6,307,200</u>
Combined	119.2	62,651,520

Regarding the requested sewer connection, NRG West hereby specifically requests that the project's sewer connection be to the existing sewer line that runs through the Encina Power Station rather than to the planned new sewer line that is to be constructed adjacent to the existing line; with provisions to later connect to the new line.

As discussed at the meeting, an existing reclaimed water line is located at Cannon Road near Avenida Encinas approximately 2,500 feet south of the project site. To serve the project, the existing reclaimed water line will need to be extended to the project site. NRG West hereby specifically requests that the City construct the extension of the reclaimed water line to the project's interconnection, this will include the City obtaining any required easements for extension of the reclaimed water line. NRG West will reimburse the City for the capital cost for construction of the extension of the reclaimed water line on a mutually agreeable reimbursement method.

To meet the requirements of the CEC, the "Will Serve" letter should specifically reference this letter and the project's specific requirements for reclaimed and potable water, and for wastewater discharge so that it is clear that City has and is committing the supply and infrastructure to meet the project's needs as defined in this letter. To meet the filing date of the AFC, NRG West respectfully requests receipt of the "Will Serve" letter by August 6, 2007.

Thank you for your time and consideration of this request. If you have any questions or need additional information, please contact Chris Doyle of NRG West at (760) 710-2150.

Sincerely,



Tim Hemig
Director, Environmental & New Business

cc: David Hauser, Deputy City Engineer
Chris Doyle, NRG West