Added opportunities of advanced technology have allowed the project to incorporate on-site energy generation. This additional element not only benefits the project, but a broader range of people.

The Sterling Natural Resource Center (SNRC) has set out to “Make Every Source a Resource”. Using state-of-the-art technology, the SNRC will convert up to 8 million gallons per day of wastewater into clean treated water to replenish the Bunker Hill Basin and supply the region with hundreds of millions of gallons of water for dry years.

Added advanced technological opportunities will allow this project to turn 130,000 gallons per day of imported organic waste streams into 3 megawatts of renewable energy to power the facility with the potential to produce fertilizer to improve soil quality.

This renewable energy will benefit the regional energy grid while offsetting the entire energy needs of the facility.
Incorporation of the digesters is a valuable investment for the community. In order to produce 3 megawatts of electricity, the facility will take on more of an industrial look on the east portion of the property. Architectural elements will be incorporated to enhance the look as much as possible. The west side will still result in a picturesque location for the community.

Changes to the Project’s Design

The current project status presents a unique opportunity to maximize the incentives available for sites that generate electricity. The State of California offers a program where eligible equipment needed for the generation of energy can receive a sales tax exclusion. Since wastewater treatment is what produces the material used by the generators, most of the equipment to be purchased for the project will be eligible for the sales tax exclusion.

If the District were to opt for the completion of this element in a later phase, it would miss out on the savings of equipment purchased during the initial phase of construction.

IMPACTS TO THE PROJECT BUDGET

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CONSTRUCTION FUNDING OPPORTUNITIES

- **SCE Incentive**
  - Program rewards new construction that offsets energy demands.
  - District participated with hydroelectric generation at Plant 134.
  - Approximately $3 million in construction incentives.

- **Sales Tax Exclusion**
  - If constructed at one time, most of the SNRC will be eligible for an exclusion from sales tax, when applicable.
  - Approximately $3.5 million in sales tax exclusions.

- **Additional Savings**
  - Anaergia has the ability to purchase equipment with minimal overhead mark up.
  - $2 million in savings.

Did You Know?

3 MEGAWATTS IS ENOUGH ENERGY TO POWER APPROXIMATELY 1,950 HOMES

Entities who are allotted sales tax revenues, such as the City of Highland and County of San Bernardino will still receive their portion through the program funding rather than from the District’s vendors.