

City of Hayward

Hayward, California

I. Respondent: Ray Busch, Manager

II. Treatment Plant Characteristics:

Water Treatment
148,800 people served
19 employees

III. Innovation:

A. Description

How the City of Hayward is using the Renewable Energy Self-Generating Bill Credit Transfer tariff (RES-BCT) to Go Green and Save Green

The Hayward Water Pollution Control Plant is the first city-owned facility in California to apply for the RES-BCT tariff. The Renewable Energy Self-Generating Bill Credit Transfer tariff allows for dollar-for-dollar bill credit transfer of energy exported to the grid. The Hayward Water Pollution Control Plant is projected to export 1.6 million kilo-watt hours of electricity to the grid from the one megawatt solar array and a state of the art 1.2 megawatt cogeneration facility. In essence, the Water Pollution Control Plant will make excess energy from renewable resources and apply the surplus energy to other city-owned meters at full value. This will save about \$175,000 a year for the citizens of Hayward.

B. Type of Innovations

Modification of workflow processes or classifications
Optimization of existing resources
Commitment to going green and saving green where utilizing special funding and saving, and grant money meet renewable energy and rate-payer savings

C. Motivation for Innovations

City council objectives and grant monies

D. Barriers/Challenges

Timelines for SGIP funding

E. Benefits

Dollar-for-dollar Bill credits for energy put on the grid

IV. Information Sharing:	Yes	No
Willing to host on-site tour.	X	
Willing to visit another regional water/wastewater facility to provide presentation on innovation.	X	
Willing for staff member from other utility to conduct a follow-up visit to learn more about innovations.	X	
Interested in on-line forum to discuss water/recycling/wastewater treatment issues.	X	