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Dr. Christina Van Woert  
Superintendent of Schools

Melissa Simmons  
School Business Administrator/  
Board Secretary

June 16, 2017

Dear Sustainable Jersey Committee,

In 2011, the Chester School District began its solar panel project at Bragg Intermediate School. The project was successfully completed in 2013, with the utility interconnection date on April 30, 2013. The 241.85 kilowatt system is estimated to produce a total of 478,916 kilowatt hours of electricity per year that it is in use. The panels are mounted to the fields around Bragg Intermediate School and Dickerson Elementary School and serve Bragg with electricity. The installation contractor on this project was Gabel Associates Construction. This solar panel system will aid in reducing the amount of electricity that the school purchases each year from JCP&L, reducing electricity costs for the school district, and aid it in its quest to become more sustainable.

For the 2015-2016 school year, August 2015-July 2016, a total of 74.48% of the electricity that Bragg Intermediate School used was produced by the solar panels, equalling a total of 242,181 kilowatt hours from solar panels and 82,960 kilowatt hours supplied by Jersey Central Power and Lighting. This percentage allows for Bragg Intermediate School to apply for the "Onsite Renewable Generation System - Solar" Action for a total of 30 points as the system is more than 30% of the electric utility purchased for the school. Please see the uploaded documents entitled "JCP&L Electricity - Bragg," "Solar Production - Bragg," and "Electricity Offset - Bragg" to gain a full understanding of the numbers used in this calculation. Currently, the panels are purchased on a third party agreement through a Power Purchase Agreement with SunLight General Morris Solar, LLC. The beginning rate was \$0.0667 per kWh with a 3% annual escalation. Solar energy is also to be sold to Local Unit Facilities.

The Chester School District has used the solar panels in many aspects of curriculum to educate students on solar electricity, renewable electricity, and sustainability. Much of the use of solar panels in curriculum come into play in science or STEM classes. Students in all grade levels are able to learn more about renewable electricity from having the solar panels on campus. Our solar panels also play a role in community outreach about renewable electricity options. We also serve as a rolemodel to our community members who wish to become more sustainable.

Sincerely,

Melissa Simmons

Business Administrator

Chester School District, Chester, NJ