

# Memo

**To:** BOE & Ron Burke  
**From:** John Daniels  
**CC:**  
**Date:** 4/3/17  
**Re:** Solar production form 3/2016 – 3/2017

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It has been a complete year with our active solar arrays, the following is a report of our produced electricity.

The main array which feeds the school has produced 61,186 kWh of electricity. Adding the SMEC charges for electricity and the National Grid charges for transmitting the power is approximately 13.8 cents per kWh totaling \$8,443.67. While using the same formula, the bus garage array produced 33,420 kWh totaling \$4,611.96 and the array on the biomass produced approximately 8355 kWh totaling \$1,152.99. Altogether we produced approximately \$14,208.62 of our own electricity with the solar panels and the wind turbine produced approximately \$600.00 in electricity.

The solar thermal for our pool heating is a little more difficult to put a price on but we did purchase approximately \$2,500.00 less propane last year to heat our pool.

This year's cost savings report for the biomass will be at a later date as we are still currently utilizing it.

I am very proud of the alternative energy program here at Edwards-Knox and want to thank all the Board members, Administration and the employees for their continued support in our efforts to make E-K an example of what can be accomplished.

Thank You,

John Daniels