**Sauk Valley Community College**

**April 23, 2018**

**Action Item 4.5**

**Topic: Solar Project Engineering**

**Strategic Direction: Goal 1, Objective 3 – Be operationally efficient in order to maintain a low cost of attendance for students.**

**College Health: Metric 3 – The College uses its revenue conservatively. The College pursues and utilizes alternative revenue streams.**

**Presented by: Dr. David Hellmich and Frank Murphy**

**Presentation:**

Discussions have continued regarding the option of having solar panels on campus. Early information below shows a payback of 7.42 years.

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| System Size in kilowatts (kWh) | 124.44 |
| System Cost Calculation | (in $’s) |
| **Gross System Cost** | **$248,880** |
| *ComEd Rebates* | *($31,110)* |
| *Less SREC* | *($136,538)* |
| **Net System Cost** | **$81,232** |
| **Payback in Years** | **7.42** |
| First-Year Estimated Electric Bill Savings | $10,174 |
| Average Estimated Electric Bill Savings | $13,825 |

The administration would like to proceed with the completion of the project engineering at a cost of $28,900. If the completed engineering provides information indicating the viability of completing the solar project, the administration will come back to the Board for overall project approval, which will contain adjusted information on the cost of the project, if needed.

**Recommendation:**

The administration recommends the Board approve to expenditure of $28,900 for the engineering costs of the Solar Project.