

**BLACK HILLS POWER, INC.**

SD PUC DOCKET: EL14-038

REQUEST DATE : August 8, 2014

RESPONSE DATE : August 14, 2014

REQUESTING PARTY: SDPUC Staff

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**SDPUC Request No. 1-3:**

In regards to the student-based education program, please provide an explanation of how estimated benefits were calculated.

**Response to SDPUC Request No. 1-3:**

An estimated savings of 334 kWh per year per participant was used. Each student receives a student guide, a workbook and an energy kit to take home. Each student is encouraged to complete home inspections and go over results with their parents. Parent and teacher feedback associated with the program has been positive. The savings would come primarily from encouraging the use of compact fluorescent light bulbs over incandescent lighting. Savings were also estimated for installation of a bathroom faucet aerator and a low flow showerhead. This information can be found on Attachment 1-1b in the Portfolio Inputs worksheet on line 33.

**Attachments: None**