The Energy Management Program

**Purpose:** To avoid wasting utilities in order to save money to be used for instructional needs.

**Guiding Rules:**
- Do not interfere with the classroom instructional program.
- Do not light areas that are not in use.
- Do not heat or cool unoccupied areas. Establish and practice equipment shutdown procedures for daily and holiday savings.

**Three Steps to Energy Savings**

1. Turn off lights when you leave the room.
2. Turn off all electronic equipment at the end of the day.
3. Turn off or setback the thermostat every day.

Settings for Setback: Heating 55 Degrees/Cooling 90
(Fans set on Auto.)

Special points of interest:
- There was a total reduction of $105,000 in energy costs in the 1st year of the Energy management program.
- The Energy Management program uses Energy CAP software to track utilities and Automated Logic: Supervision to control energy systems.
- Utilities Tracked: Electricity, Gas, Water / Sewer, Sanitation.
- Energy Saving Achievements this far: Reduced water meter usage in WA-HI’s Agriculture field will save more than $20,000.00 annually. Rebated $35,000.00 on sewer charges at WA-HI. Rebated $2,500.00 on overcharged water meter at Prospect Point. Rebated $10,000.00 on overcharged water meter at WA-HI. Rebated $800.00 on overcharged water meter at Pioneer Middle School. Removal of 4 meters that were not being used, but were being charged for. Reduction of $200.00 to $500.00 monthly on sanitation charges at various schools.
- Energy rate increases have totaled over $ 711,000 in additional costs.
- Over the 12 years WWPS Energy Management Program has saved over 24% and 3.6 Million dollars.

**Year 13 Costs:** $1,198,574

- **Electricity:** $289,507
- **Gas:** $140,232
- **Water:** $768,835

**Base Year Costs:** $748,288
- **Year 1 Costs:** $645,033
- **Year 2 Costs:** $681,280
- **Year 3 Costs:** $749,180
- **Year 4 Costs:** $767,412
- **Year 5 Costs:** $811,367
- **Year 6 Costs:** $812,237
- **Year 7 Costs:** $881,543
- **Year 8 Costs:** $967,473
- **Year 9 Costs:** $962,116
- **Year 10 Costs:** $1,083,937
- **Year 11 Costs:** $1,107,411
- **Year 12 Costs:** $1,183,950


<table>
<thead>
<tr>
<th>Building</th>
<th>Percent Saved</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMINISTRATION</td>
<td>2%</td>
</tr>
<tr>
<td>BERNEY ELEMENTARY</td>
<td>21%</td>
</tr>
<tr>
<td>BLUE RIDGE ELEMENTARY</td>
<td>31%</td>
</tr>
<tr>
<td>EDISON ELEMENTARY</td>
<td>6%</td>
</tr>
<tr>
<td>GARRISON MIDDLE SCHOOL</td>
<td>20%</td>
</tr>
<tr>
<td>GREEN PARK</td>
<td>16%</td>
</tr>
<tr>
<td>LINCOLN CAMPUS</td>
<td>16%</td>
</tr>
<tr>
<td>PIONEER MIDDLE SCHOOL</td>
<td>22%</td>
</tr>
<tr>
<td>PROSPECT POINT</td>
<td>31%</td>
</tr>
<tr>
<td>SHARPSTEIN</td>
<td>4%</td>
</tr>
<tr>
<td>SUPPORT SERVICES</td>
<td>1%</td>
</tr>
<tr>
<td>WALLA WALLA HIGH SCH.</td>
<td>32%</td>
</tr>
</tbody>
</table>

Grand Totals: 24%

Savings: $383,888

Electrical 12%  Gas 21%  Water 28%
Utility Rate Comparison

**Electricity**
Saved 1,158,472 kWh
12% (9.5 - 8.3)

**Natural Gas**
Saved 43,767 therms
21% (205 - 161)

**Water/Sewer**
Saved 3,264 CCF
28% (115 - 82)

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Consumption Comparison

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