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. **Settings for Setback:** Heating 55 Degrees
2. Turn off all electronic equipment at the end of the day. **Cooling 90 Degrees**
3. Turn off or setback the thermostat every day. **(Fans set on Auto.)**

**Special points of interest:**

- **Utilities Tracked:** Electricity, Gas, Water/Sewer/Sanitation.
- **There are three phases to the Energy Management Program:**
  - Management
  - Education
  - Accounting
- The Walla Walla School District energy costs in 1998-99 were over $800,000.00.
- The Energy Management Program is consulted by Energy Education Inc..
- Energy Education Inc. works for and with only K-12 public schools nationwide. They currently have over 300 contracts.
- There are currently 4 schools in the state of Washington under contract with E.E.I.
- There was a total reduction of $105,000 in energy costs in the 1st year of the Energy Management program.
- The positive spirit and accountability of the Energy Manager, Principals, Custodians and Teachers will contribute to the success of the program.
- Energy efficiency is brought about by conservation strategies and technologies.
- People determine and control the use of energy.
Walla Walla Public School System
Consumption Comparison (One Year)

Electricity
Saved 1,763,320
18.7%

Natural Gas
Saved 28,356
13.8%

Water/Sew
Saved 22,921
26.6%

FULL PROGRAM SAVINGS

<table>
<thead>
<tr>
<th>Building</th>
<th>Adjusted Building Cost</th>
<th>Actual Building Cost</th>
<th>Cost Avoidance</th>
<th>Percent Saved</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMINISTRATION</td>
<td>$42,684.57</td>
<td>$35,910.55</td>
<td>$6,774.02</td>
<td>15.87%</td>
</tr>
<tr>
<td>BERNEY ELEMENTARY</td>
<td>$108,652.58</td>
<td>$81,085.85</td>
<td>$27,566.73</td>
<td>25.37%</td>
</tr>
<tr>
<td>BLUE RIDGE ELEMENTARY</td>
<td>$120,525.28</td>
<td>$98,750.45</td>
<td>$21,774.83</td>
<td>18.07%</td>
</tr>
<tr>
<td>EDISON ELEMENTARY</td>
<td>$61,928.38</td>
<td>$47,226.18</td>
<td>$14,702.20</td>
<td>23.74%</td>
</tr>
<tr>
<td>GARRISON MIDDLE SCH.</td>
<td>$162,575.18</td>
<td>$122,675.13</td>
<td>$39,900.05</td>
<td>24.54%</td>
</tr>
<tr>
<td>GREEN PARK</td>
<td>$109,079.98</td>
<td>$91,575.10</td>
<td>$17,504.88</td>
<td>16.05%</td>
</tr>
<tr>
<td>PAINES CAMPUS</td>
<td>$62,642.33</td>
<td>$42,777.35</td>
<td>$19,864.98</td>
<td>31.71%</td>
</tr>
<tr>
<td>PIONEER MIDDLE SCH.</td>
<td>$182,493.49</td>
<td>$143,443.42</td>
<td>$39,050.07</td>
<td>21.40%</td>
</tr>
<tr>
<td>PROSPECT POINT</td>
<td>$120,391.36</td>
<td>$93,749.11</td>
<td>$26,642.25</td>
<td>22.13%</td>
</tr>
<tr>
<td>REFUNDS AND REBATES</td>
<td>$49,068.83</td>
<td>$0.02</td>
<td>$49,068.81</td>
<td>100.00%</td>
</tr>
<tr>
<td>SHARPSTEIN</td>
<td>$35,574.09</td>
<td>$30,451.74</td>
<td>$5,122.35</td>
<td>13.85%</td>
</tr>
<tr>
<td>SUPPORT SERVICES</td>
<td>$46,907.44</td>
<td>$40,451.74</td>
<td>$6,455.70</td>
<td>13.76%</td>
</tr>
<tr>
<td>WALLA WALLA HIGH SCH.</td>
<td>$640,268.02</td>
<td>$471,373.50</td>
<td>$168,894.52</td>
<td>26.33%</td>
</tr>
</tbody>
</table>

Grand Totals: $1,742,791.53 $1,299,505.43 $443,286.10 25.44%

1st Year Savings
ELECTRIC 25.11%
NATURAL_GAS 10.42%
WATER 26.21%
Total: 23.08%

FULL PROGRAM SAVINGS

ELECTRIC 24.13%
NATURAL_GAS 14.82%
WATER 36.33%
Grand Total: 25.58%