Inflation Reduction Act Rebates and Examples

Part 2
Example #3a - Rooftop Solar System (low-income)

Example Cost: $4.15/w of installed capacity

So, for a 1 kw system = $4,150

A 1 kw system will generate approximately 1000 kwh/yr, $100 of power per year

Rebates available:

➤ EWEB Rebate Available: $0.40/w (max $2,500)
➤ ODOE Solar and Storage Rebate (low-income)*: $1.80/w (max 60% up to $5,000)
➤ ODOE Solar and Storage Rebate (not low-income)*: $0.20/w (max 40% up to $5,000)
➤ 30% Tax Credit

* Oregon Solar and Storage Program low-income funds for 2023 nearly all allocated, non low-income funds fully allocated
Example #3a - 3 kw Solar System (low-income)

Example Cost: 3 kw @ $4.15/w = **$12,450** for Solar System

→ EWEB Rebate Available: 3 kw x $0.40/w (max $2,500) = **$1,200**

→ ODOE Solar and Storage Rebate*: 3 kw x $1.80/w (max 50% up to $5,000) = **$5,000**

* Oregon Solar and Storage Program funds for 2023 nearly all allocated

**Total Rebates available: $6,200**

Example Cost *minus* Available Rebates = **Final Customer Cost**

- **$12,450 - $6,200 = $6,250** Final Customer Cost
Solar Cost Savings

Expected Annual Cost Savings

- 3 kw system = 1,000 kwh/yr = $300 per year

20 year cost savings

- 20 years x $300/yr = $6,000
3 KW SOLAR SYSTEM - LOW INCOME COST EXAMPLE

- **System Cost**: $12,450.00
- **EWEB Rebate**: $6,250.00
- **ODOE Solar + Storage Rebate**: $5,000.00
- **Cash**: $1,200.00
- **20-year cost savings**: $6,000

**COST**

**INCENTIVES**

**COST SAVINGS**
# Cost Savings Information from BPA

<table>
<thead>
<tr>
<th>Switching To</th>
<th>Switching From</th>
<th>Annual kWh savings</th>
<th>Annual Cost Savings @ $0.10 /kWH</th>
<th>Lifetime Energy Savings (10 year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Pump Water Heaters - Above</td>
<td>Conventional Electric Water Heater</td>
<td>1371</td>
<td>$137</td>
<td>$1,371</td>
</tr>
<tr>
<td>Conditioned Space</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heat Pump Water Heaters - Above</td>
<td>Conventional Electric Water Heater</td>
<td>1451</td>
<td>$145</td>
<td>$1,451</td>
</tr>
<tr>
<td>Unconditioned Space</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HEAT PUMP WATER HEATER - LOW INCOME

Heat Pump Water Heater Cost (Example): $3,000.00
EWEB Incentive: $2,500.00
IRA Incentive: $1,750.00
EWEB Loan: $1,700.00
HEAT PUMP WATER HEATER - MIDDLE INCOME

- Heat Pump Water Heater Cost (Example)
- EWEB Incentive
- IRA Incentive
- Energy Cost Savings
- Avoided Appliance Replacement Cost

**COST**
- $3,000.00

**INCENTIVES**
- $1,100.00
- $800.00

**COST SAVINGS**
- $1,500.00
- $330.00
- $1,371
# Cost Savings Information from BPA

<table>
<thead>
<tr>
<th>Switching To</th>
<th>Switching From</th>
<th>Annual kWh savings</th>
<th>Annual Cost Savings @ $0.10/kWh</th>
<th>Lifetime Energy Savings (15 year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ductless Heat Pumps</td>
<td>Electric Forced Air</td>
<td>2550</td>
<td>$255</td>
<td>$3,825</td>
</tr>
<tr>
<td>Ductless Heat Pumps</td>
<td>Electric Zonal</td>
<td>1710</td>
<td>$171</td>
<td>$2,565</td>
</tr>
</tbody>
</table>
HEAT PUMP - MODERATE INCOME (EWEB LOAN)

- Heat Pump Cost (Example): $10,000.00
- IRA Incentive: $5,000.00
- EWEB Loan: $5,000.00

COST

INCENTIVES