



BEYOND TOXICS

Leadership for a thriving and just Oregon

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

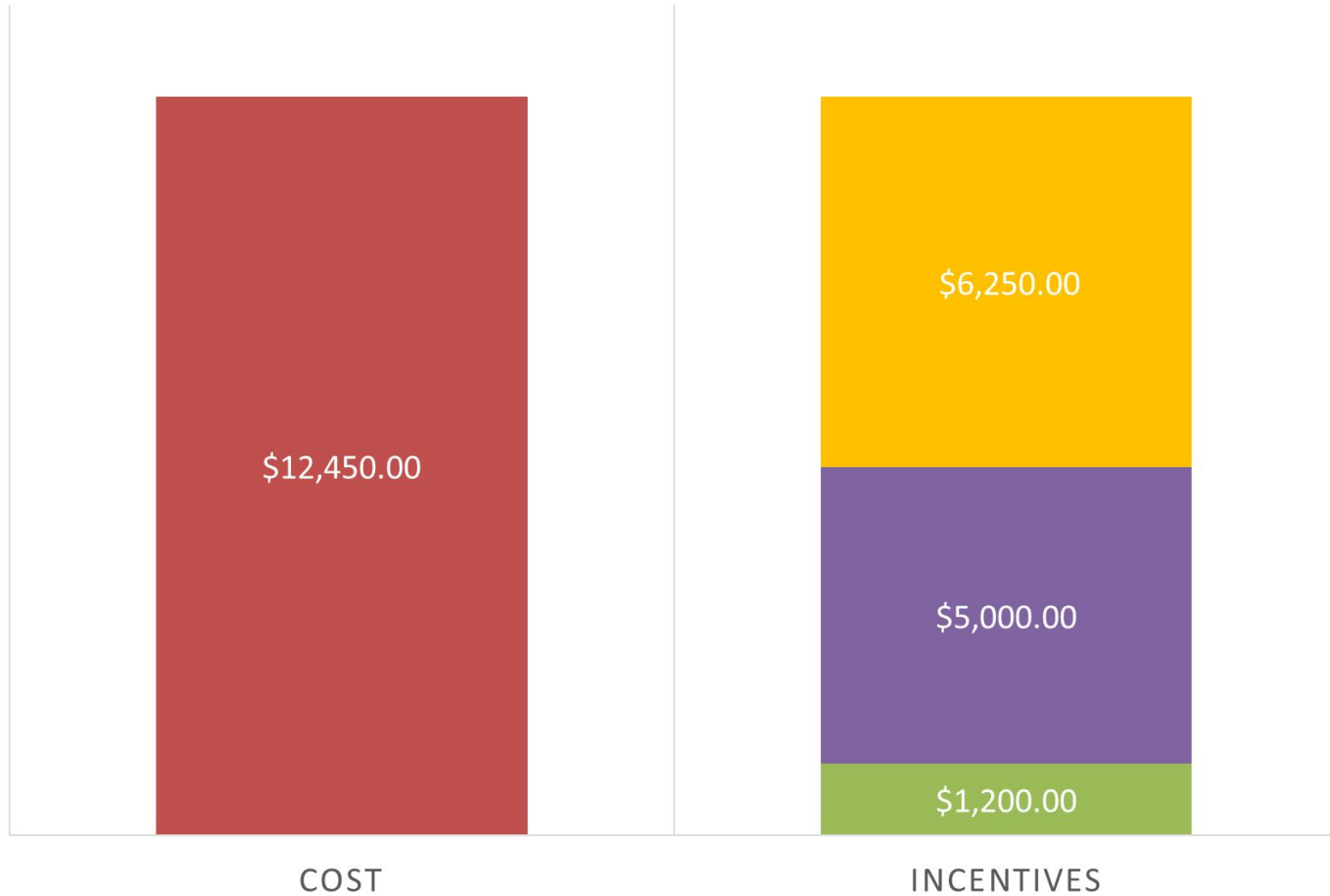
Total Rebates available: \$6,200

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

- $\$12,450 - \$6,200 = \mathbf{\$6,250}$ **Final Customer Cost**

3 KW SOLAR SYSTEM - LOW INCOME COST EXAMPLE

■ System Cost ■ EWEB Rebate ■ ODOE Solar + Storage Rebate ■ Cash



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

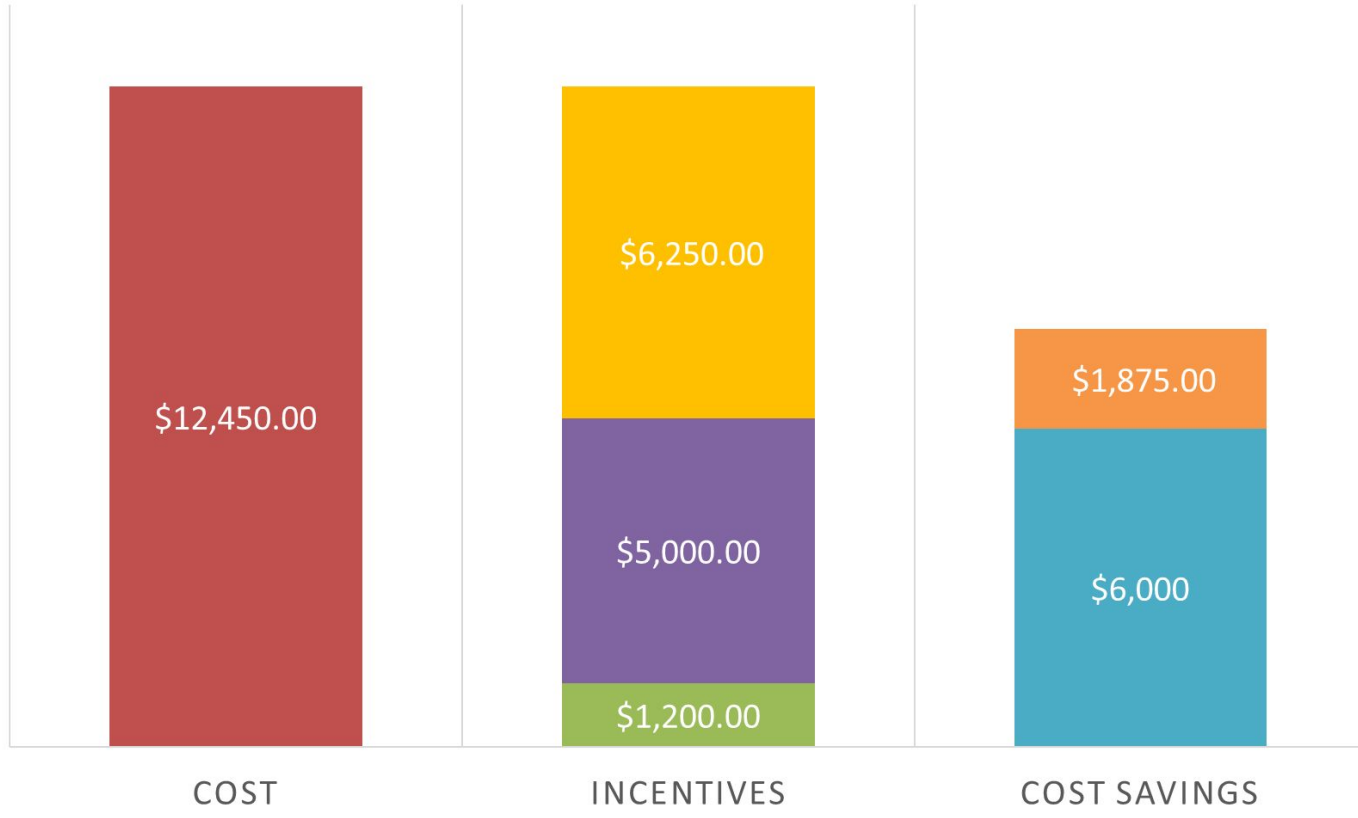
3 KW SOLAR SYSTEM - LOW INCOME COST EXAMPLE

- System Cost
- EWEB Rebate
- ODOE Solar + Storage Rebate
- Cash
- 20-year cost savings



3 KW SOLAR SYSTEM - LOW INCOME COST EXAMPLE

- System Cost
- EWEB Rebate
- ODOE Solar + Storage Rebate
- Cash
- 20-year cost savings
- Tax Credit

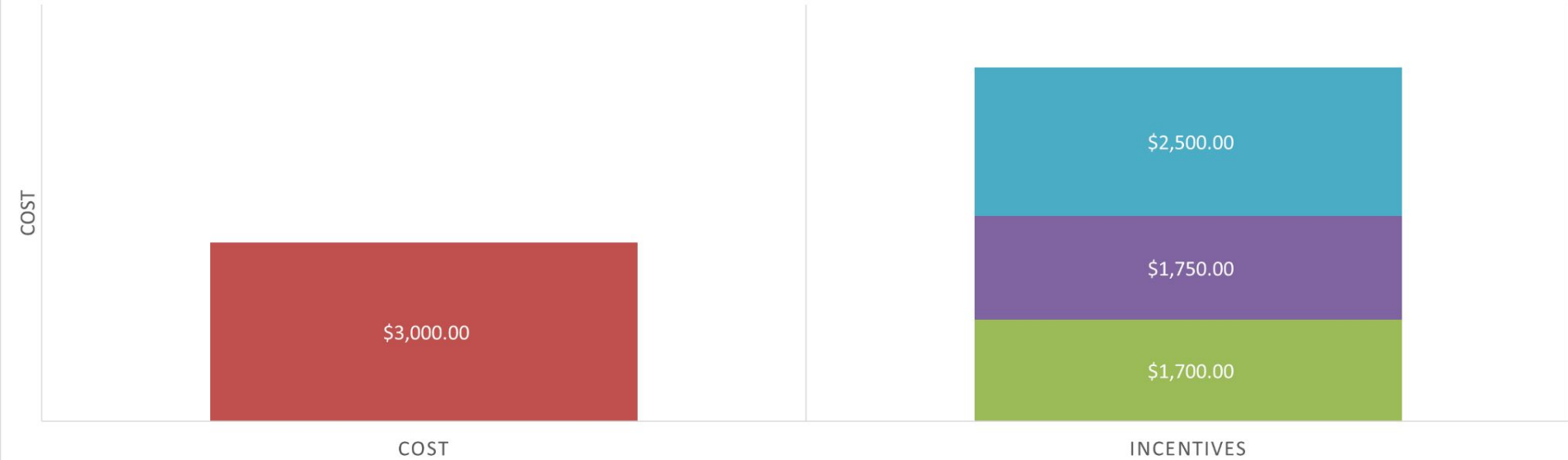


Cost Savings Information from BPA

Switching To	Switching From	Annual kWh savings	Annual Cost Savings @ \$0.10 /kWh	Lifetime Energy Savings (10 year)
Heat Pump Water Heaters - Above Conditioned Space	Conventional Electric Water Heater	1371	\$ 137	\$ 1,371
Heat Pump Water Heaters - Above Unconditioned Space	Conventional Electric Water Heater	1451	\$ 145	\$ 1,451

HEAT PUMP WATER HEATER - LOW INCOME

■ Heat Pump Water Heater Cost (Example) ■ EWEB Incentive ■ IRA Incentive ■ EWEB Loan



HEAT PUMP WATER HEATER - MIDDLE INCOME

■ Heat Pump Water Heater Cost (Example) ■ EWEB Incentive ■ IRA Incentive ■ Cash



HEAT PUMP WATER HEATER - MIDDLE INCOME

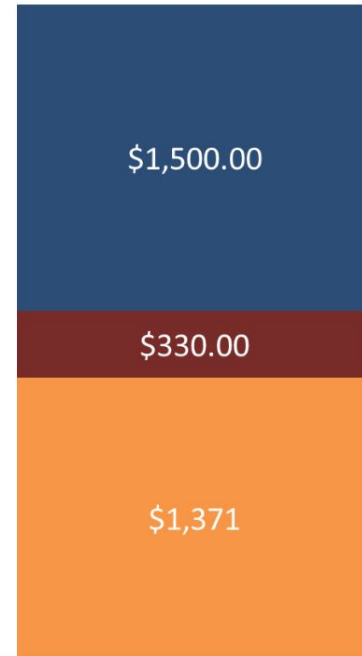
- Heat Pump Water Heater Cost (Example)
- EWEB Incentive
- IRA Incentive
- Cash
- Energy Cost Savings
- Tax Credit
- Avoided Appliance Replacement Cost



COST



INCENTIVES



COST SAVINGS

Cost Savings Information from BPA

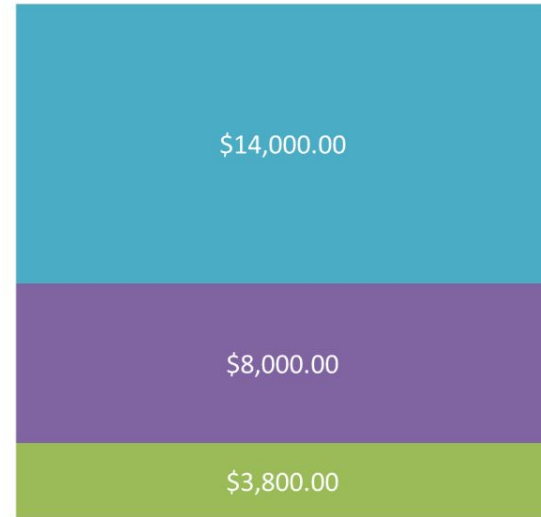
Switching To	Switching From	Annual kWh savings	Annual Cost Savings @ \$0.10 /kWh	Lifetime Energy Savings (15 year)
Ductless Heat Pumps	Electric Forced Air	2550	\$ 255	\$ 3,825
Ductless Heat Pumps	Electric Zonal	1710	\$ 171	\$ 2,565

HEAT PUMP - LOW INCOME

■ Heat Pump Cost (Example) ■ EWEB Incentive ■ IRA Incentive ■ EWEB Loan



COST



INCENTIVES

HEAT PUMP - MODERATE INCOME (EWEB LOAN)

■ Heat Pump Cost (Example) ■ IRA Incentive ■ EWEB Loan



COST



INCENTIVES

HEAT PUMP - MODERATE INCOME (EWEB LOAN)

Heat Pump Cost (Example)

EWEB Loan

Tax Credit

IRA Incentive

Energy Cost Savings

Avoided Appliance Replacement Cost

