

Port's Energy Rebate Program

Funds for the Rebate Programs

- Port allocates 2.85% of its electricity sales revenues to fund all these rebates and green energy programs.
- Based on Port's electricity sales, there is approximately \$ 200,000 per year available to fund all these rebate programs.

Solar or Photovoltaic (PV) Rebate.

- Port has allocated approximately \$103,000 per year for the PV rebate program beginning year 2008 thru 2017.
- The PV rebate per installed watt decreases by 7% annually in accordance with SB 1.

Guidelines for the PV rebate

Year	Port's Rebate per AC (alternate current) Watt Installed (\$/AC Watt)	SB 1 Recommended Rebate per AC Watt Installed (\$/AC Watt)
2008	3.50	2.80
2009	3.26	2.60
2010	3.03	2.42
2011	2.82	2.25
2012	2.62	2.09
2013	2.43	1.95
2014	2.26	1.81
2015	2.11	1.68
2016	1.96	1.57
2017	1.82	1.46

Other Port Public Benefit Rebate Programs (Under AB 1890)

- Energy Audits
- Exceeding Title 24 standards energy saving measures (applies to new construction)
- Lighting Retrofits
- Energy Savings Equipment Retrofits/Improvements
- Energy Saving/Efficiency Research, Development and Demonstration Programs
- Renewable (or Green) Energy Programs

All rebate requests are subject to the Port's approval, funding availability, and the Port's inspection and verification prior to disbursement of the rebates.

Energy Audits

- Port electricity customer that conducts an energy audit on their facility is eligible for a rebate.
- Energy audit consultants are required to provide and prioritize 5 or more energy saving retrofit/improvement recommendations ranked by highest to lowest energy savings.
- Rebate amount is based on energy conservation projects completed according to the energy audit recommendations.
- The breakdown of the rebate amount is shown on the right.
- If the top 5 priorities are implemented, 100% of the total Energy Audit cost will be reimbursed.
- The recommended projects may also be eligible for separate rebates under this rebate programs in addition to any rebate for the audit.
- The cost of the Energy Audit shall not exceed \$ 0.50/sq.ft.

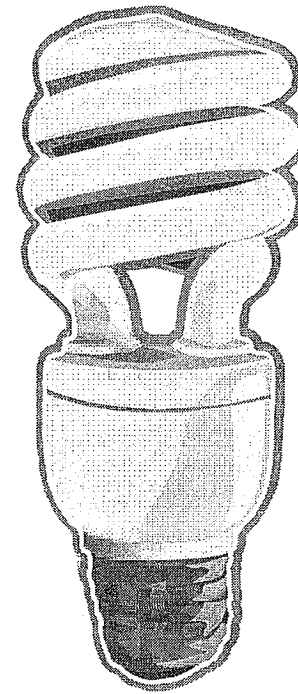
<u>Prioritized Energy Audit Recommendations that are implemented</u>	<u>Eligible % Rebate of Total Energy Audit Cost</u>
1	30%
2	25%
3	20%
4	15%
5	10%

Note:

If the Energy Audit contains less than 5 recommendations, the maximum rebate eligibility equals to the corresponding sum of "eligible % rebate." Example: If an energy audit contains 3 prioritized recommendations and all three are implemented, the total eligible % rebate on the energy audit costs = 30% + 25% + 20% = 75%

Lighting Retrofits

- Port electricity customers that retrofit their facility lighting with energy saving lamps (or if necessary lamps with fixture).
- The rebate is a one time payment of \$.05 per annual kWh saved and shall not exceed the cost of the energy saving lamps (or if necessary lamps with fixture).



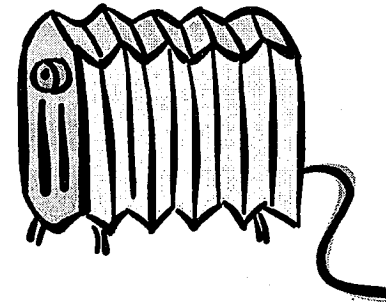
Exceeding Title 24 Standards Energy Saving Measures (new construction)

- Port will provide a rebate for any new facility constructed within the Port by its electricity customers that exceed the title 24 standards in energy saving measures.
- Eligible facility must reduce energy usage by a minimum of 10% compared to the standard title 24 facility.
- This rebate will pay for a % of the cost difference between a standard and an upgraded title 24 equipment (such as HVAC units) and material as shown on the right:

<u>% of Energy savings of a new facility compared to a title 24 standard facility</u>	<u>% of Rebate for the cost difference between standard and an upgraded Title 24 equipment and material</u>
10% to <20%	40%
20% to <30%	60%
30% to <40%	80%
40% or more	100%

Example

A Port electricity customer constructing a new facility at the port, requires a 100,000 BTU heating unit with a minimum of 80% efficiency per Title 24. The cost of the heating unit is \$ 200. However, the customer decides to save energy and installs a 100,000 BTU heating unit with a 95% efficiency at a cost of \$ 300. In this case there is an additional 15% energy savings with an equipment cost difference of \$ 100. The Port rebate in this case is a one time payment of \$ 40 upon installation of the energy efficient heating unit.



Energy Savings Equipment Retrofits / Improvements

- Port electricity customers that retrofit their existing equipment at their facility with 20% or more energy saving equipment compared to the existing equipment are entitled to this rebate.
- The retrofitted equipments must have the same output capacity (or greater) as the existing equipment, but must use 20% less energy than the existing equipment.
- Life expectancy of the retrofitted equipment must be 5 years or greater.
- This rebate will cover a portion of the energy saving improvement cost to a Port's electricity customer's facility based on the percentage of energy savings as shown in the table to the right. Lighting retrofits have their own rebate and are excluded from this rebate.

<u>% of Energy savings of the facility due to improvements</u>	<u>% of Rebate for the cost of the facility improvements to save energy.</u>
20% to 30%	20%
30% to 40%	30%
40% to 50%	40%
50% to 60%	50%
60% to 70%	60%
70% to 80%	70%
80% to 90%	80%
90% to 100%	90%

Energy Saving/Efficiency Research, Development and Demonstration Programs

- Port electricity customers that do research, development and demonstrate new energy saving/efficiency programs are entitled to a rebate up to 20% of the cost of a project based on availability of funds.
- To qualify for a rebate under this program all Energy Savings/Efficiency Research, Development and Demonstration Programs must be based on environmental friendly natural resources (or waste products). Fuel such as diesel and gasoline are not considered as environmental friendly natural resources.

Renewable (or Green) Energy Programs

- Port electricity customers that generate renewable (or green) energy to meet their energy needs at their Port's facility are entitled for this rebate.
- Port electricity customers that own and operate a wind energy generating facility that is over 7.5 kw are entitled to a one time rebate payment of \$1.50 per AC (alternating current) watt of installed capacity. If the wind energy generating facility is under 7.5 kw, then the one time rebate of \$2.50 per AC watt of installed capacity is paid.
- All other renewable generation that qualify under this program are given a maximum rebate of 20% of the construction cost of the generating facility, based on availability of funds.

Application for Port of Oakland Rebate

- All Port electricity customers must submit their rebate applications in Port rebate application form (Form EM-2028).
- Customers who wish to apply for the Port's rebate or any assistance with the Port's rebate program may contact the following individual.

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