

**Cowlitz PUD's CEEP Plus Lighting Offer
Incentive/Implementation Agreement
ECA-PR3.1000-14-028**

*****DUPLICATE*****

This Agreement is entered into on May 19th, 2014 between Cowlitz County PUD (hereafter referred to as "District") and William Burton, the owner or legally authorized representative of the building described below (hereafter referred to as "Participant").

WHEREAS, the District has adopted a policy to obtain cost-effective energy conservation in order to meet future customer electric energy demand; requirements of the State of Washington's Energy Independence Act (I-937), and qualify for financial reimbursement from the Bonneville Power Administration (BPA).

WHEREAS, the District is paying financial incentives for cost-effective energy conservation lighting measures;

WHEREAS, the Participant is the owner or a lessee authorized to physically improve the Port of Longview facilities at 10 Port Way, Longview.

NOW, THEREFORE, the District and the Participant agree as follows:

The Participant shall install lighting measures, designated in Attachment "A" within the facility at the above-described location, in accordance with all CEEP Plus Lighting Offer Lighting Rebate Specifications and Requirements. Failure to meet all specifications and requirements may result in a reduction or elimination of incentives.

The District agrees to pay the lesser of 70 percent of actual incremental costs or the incentive based number of \$8,748.00, plus or minus, depending on actual installation of recommended lighting measures. This payment will be made to the Participant upon the District's approval of said installation and the submission of the appropriate invoices. The invoices shall detail the quantity of lamps and ballasts, manufacturer's model numbers, equipment costs, and the labor costs for each measure. The dollar amounts offered in Attachment "A" are valid only if this Agreement is executed prior to installation.

The sole responsibility of the District is to provide financial incentives for approved lighting installations. The District is not a party to any contracts for the purchase of material or labor for the installation of measures.

The Participant assumes full responsibility for the design and installation of said lighting measures and full financial responsibility for any measures that do not meet the performance criteria. The installation must comply with all applicable codes and standards and the Participant must obtain the necessary permits therefore.

The Participant acknowledges that the District in no way influenced the choice of specific brands of equipment; therefore, the owner is solely responsible for the quality, performance, and durability of said equipment.

The Participant agrees to secure permits and comply with all applicable federal, state, and local codes and requirements in the design and installation of all energy efficiency measures. Where permits are required, installation must be approved by appropriate building officials. The building owner agrees to maintain compliance documents in their files and have them available for review if requested.

The Participant and their contractors or agents acting on their behalf, agree to comply with current Federal, State, and local Environmental Requirements, including PCB ballast disposal, historic preservation, ventilation and other items described therein.

The Participant understands that Cowlitz County PUD makes no warranties as to the actual electrical savings or any other expressed or implied warranty concerning the design or construction of the project.

The Participant agrees to assist the District in evaluating the benefits of the program. This may include but is not limit to follow-up site visits at the facility and the release of utility bills or other information pertinent to energy consumption within the facility.

To the fullest extent allowed by law, the Participant agrees to indemnify, defend and hold harmless Cowlitz County PUD, their officers and employees, from all claims, loss, damages, or litigation including personal injury, death or property damage arising from or in connection with the performance of the Agreements herein unless said liability is occasioned by the sole or partial negligence of the District. With respect to the claims set forth above, the Participant is waiving immunity under Washington State Law, RCW Title 51. The Participant expressly acknowledges that this Agreement has been mutually negotiated.

The installation of the lighting measures shall be completed by August 31, 2014. If installation is not complete by this date, this Agreement shall terminate unless otherwise mutually agreed to in writing.

By signature below, the undersigned hereby acknowledges that he is the building owner or legally authorized representative.

Building Owner or Legally
Authorized Representative

WILLIAM BURTON

Signature

WILLIAM BURTON

Name & Title

PROJECT ENGINEER

Date

21 MAY 2014

Check Payable

Port of Longview

Mail Check To

P.O. Box 1258
Longview, WA 98632

COWLITZ COUNTY PUD

Signature

Eugene Rosolie

Energy Efficiency Services Manager

Date

5/19/14

COWLITZ PUD ECA-14-028 PORT OF LONGVIEW Lighting Project Proposal



William Burton
10 Port Way
Longview, WA 98632

Dear William Burton,

Based on the lighting retrofit proposal that has been prepared by Ameresco, we have estimated the project's energy savings and the incentives that would be available from Cowlitz PUD ECA-14-028 Port of Longview for this proposed project. These are estimates only, as actual savings and incentives may vary based on final installed measures and investment costs. The incentives provided by your local utility cover 15% of the total installation costs of the project. The following table displays the project's estimated energy savings, simple payback, and ROI.

PROJECT OVERVIEW

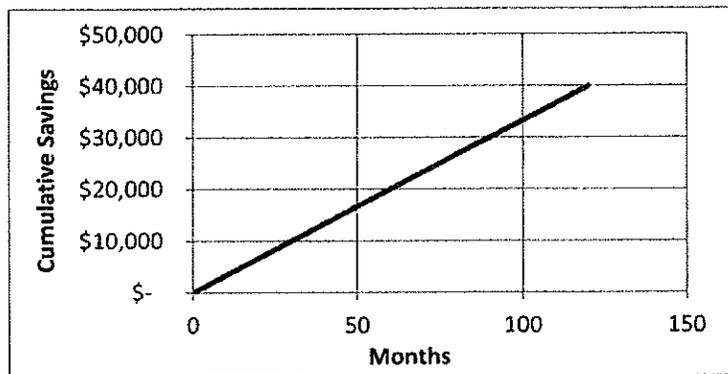
Estimated Project Cost:	\$57,153	Estimated Yearly kWh/Yr Saved:	49,287
Est. Utility Incentive:	\$8,748	Estimated Yearly Utility Savings (from consumption and demand):	\$3,992
Customer Balance:	\$48,405	Estimated Yearly O&M Savings (optional):	\$0
Return On Investment (ROI):	8%	Estimated Simple Payback:	12.12 yrs

Cost of Waiting

The longer you wait to replace your out-of-date installations, the more savings you miss. Upgrading your lighting system now will reduce your costs and energy consumption. How much money are you losing waiting to upgrade?

Time	Costs
6 Months	\$ 1,996.14
1 Year	\$ 3,992.28
3 Years	\$ 11,976.85
5 Years	\$ 19,961.42

Cumulative Savings Over Time



How quickly will you recoup your investment in energy efficient lighting? With an estimated monthly savings of \$333, it would take approximately 145 months to pay off your investment with a utility incentive.

PROJECT DETAIL SUMMARY*

Measure	Measure Description	Quantity**	Units	Incentive per Unit	Total Incentive
A2-DS	High-Performance Linear	48	fixture(s)	\$40.00	\$1,920
A5	Irregular size linear fluorescent	2	fixture(s)	\$20.00	\$40
F3-DS	HO Linear Fluorescent High-Bay	1	fixture(s)	\$170.00	\$170
J1-DS	LED Outdoor General Area	1	fixture(s)	\$50.00	\$50
J2	LED Outdoor General Area	7	fixture(s)	\$40.00	\$280
J2-DS	LED Outdoor General Area	13	fixture(s)	\$80.00	\$1,040
J3-DS	LED Outdoor General Area	3	fixture(s)	\$110.00	\$330
J4-DS	LED Outdoor General Area	3	fixture(s)	\$200.00	\$600
Non-standard	Non-standard	17,798	kWh	\$0.18	\$3,203
Q1	Controls	1	controller(s)	\$35.00	\$35
Q2	Controls	18	controller(s)	\$60.00	\$1,080
Total					\$8,748

Explanation of Utility Incentive

A. Itemized Incentive Total:	\$8,748
B. Total Estimated Project Costs:	\$57,153
C. 70% of Estimated Project Costs Incentive Cap:	NA
D. Maximum \$0.50 per kWh (Project Level) Incentive Cap:	NA
E. Total Incentive = Lesser of "A", "C", and "D" above:	\$8,748

* The dollar amounts listed in the Project Detail Summary are estimated based on the available utility incentives for which this project may qualify. Actual incentives paid may vary based on, but not limited to, the following factors: 1) all non-standard and advanced control measures must be approved by BPA; and 2) utility incentives may be capped based on a predetermined maximum incentive per project.

** The kWh savings reported in the Project Detail Summary may differ from those reported above in the Project Overview due to adjustments made to savings in the Project Detail Summary. Savings figures in the Project Overview are estimated on-site savings that a customer may realize, while savings figures in the Project Detail Summary have been adjusted for federal standards and BPA busbar.

Measure # Space Status	Existing	Proposed	Controls	Savings (% decrease)	kWh/year	Watts per Fixture	Incentives	Notes
1 Offices D	10 T8 Standard(s) 4 ft. HLO Ballast 32 W/lamp, 4 lamp(s)/fixture	10 T8 HP(s) 4 ft. HLO Ballast 28 W/lamp, 2 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease)	2195 1190 1005(46%)	118 84	Decommissioning : [none] Equipment A2-DS: 10 fixture(s) at \$40/fixture (\$400) Controls: [no controls specified]	Customs - Main Office
2 Offices D	1 T8 Standard(s) 4 ft. NLO Ballast 28 W/lamp, 2 lamp(s)/fixture	1 T8 HP(s) 4 ft. LLO Ballast 28 W/lamp, 2 lamp(s)/fixture	1 x Occ. Sensors(s) 25 % Reduction	Baseline Proposed Savings (% decrease)	96 78 37(39%)	52 42	Decommissioning : [none] Equipment Savings percent reduction too small. Minimum qualifying savings is 30%. Enter measure as "non-standard". Controls: [Controlled wattage too small]	Customs - Restroom Downstairs
3 Offices D	1 T12(s) 2 ft. Magnetic Ballast 20 W/lamp, 2 lamp(s)/fixture	1 T8 Standard(s) Irregular Size, 2 ft 17 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease)	93 28 65(70%)	50 15	Decommissioning : [none] Equipment A5: 1 fixture(s) at \$20/fixture (\$20) Controls: [no controls specified]	Customs - Downstairs Restroom (sensor on previous line also controls this fixture)
4 Offices D	15 T8 Standard(s) 4 ft. NLO Ballast 32 W/lamp, 4 lamp(s)/fixture	15 T8 HP(s) 4 ft. HLO Ballast 28 W/lamp, 2 lamp(s)/fixture	2 x Occ. Sensors(s) 25 % Reduction	Baseline Proposed Savings (% decrease)	3293 1765 1954(59%)	118 84	Decommissioning : [none] Equipment A2-DS: 15 fixture(s) at \$40/fixture (\$600) Controls Q2: 2 control(s) @ \$60/control (\$120)	Customs - Upstairs Conference Room
5 Offices D	12 T8 Standard(s) 4 ft. NLO Ballast 32 W/lamp, 4 lamp(s)/fixture	12 T8 HP(s) 4 ft. HLO Ballast 28 W/lamp, 2 lamp(s)/fixture	2 x Occ. Sensors(s) 25 % Reduction	Baseline Proposed Savings (% decrease)	2634 1428 1563(59%)	118 84	Decommissioning : [none] Equipment A2-DS: 12 fixture(s) at \$40/fixture (\$480) Controls Q2: 2 control(s) @ \$60/control (\$120)	Customs-Upstairs Office
6 Offices D	6 T8 Standard(s) 4 ft. NLO Ballast 32 W/lamp, 4 lamp(s)/fixture	6 T8 HP(s) 4 ft. HLO Ballast 28 W/lamp, 2 lamp(s)/fixture	1 x Occ. Sensors(s) 25 % Reduction	Baseline Proposed Savings (% decrease)	1317 714 762(59%)	118 84	Decommissioning : [none] Equipment A2-DS: 6 fixture(s) at \$40/fixture (\$240) Controls Q2: 1 control(s) @ \$60/control (\$60)	Customs-Upstairs Office
7 Offices D	1 T8 Standard(s) 4 ft. NLO Ballast 32 W/lamp, 2 lamp(s)/fixture	1 T8 HP(s) 4 ft. LLO Ballast 28 W/lamp, 2 lamp(s)/fixture	1 x Occ. Sensors(s) 25 % Reduction	Baseline Proposed Savings (% decrease)	110 78 51(47%)	59 42	Decommissioning : [none] Equipment Savings percent reduction too small. Minimum qualifying savings is 30%. Enter measure as "non-standard". Controls: [Controlled wattage too small]	Customs-Upstairs Restroom
8 Offices D	1 T12(s) 2 ft. Magnetic Ballast 20 W/lamp, 2 lamp(s)/fixture	1 T8 Standard(s) Irregular Size, 2 ft 17 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease)	93 28 65(70%)	50 15	Decommissioning : [none] Equipment A5: 1 fixture(s) at \$20/fixture (\$20) Controls: [no controls specified]	Customs - Upstairs Restroom (fixture controlled by sensor on previous line)
9 Offices D	2 HID(s) MH, Magnetic Ballast 175 W/lamp, 1 lamp(s)/fixture	2 LED(s) Small Lamp / Fixture, any type 22 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease)	1763 193 1570(89%)	201 22	Decommissioning : [none] Equipment Non-standard: 1,712 kWh @ \$0.18/kWh (\$308) Controls: [no controls specified]	Customs - West Can Lights
10 Offices D	3 T8 Standard(s) 4 ft. NLO Ballast 32 W/lamp, 4 lamp(s)/fixture	3 T8 HP(s) 4 ft. HLO Ballast 28 W/lamp, 2 lamp(s)/fixture	1 x Occ. Sensors(s) 25 % Reduction	Baseline Proposed Savings (% decrease)	659 357 391(59%)	118 84	Decommissioning : [none] Equipment A2-DS: 3 fixture(s) at \$40/fixture (\$120) Controls Q1: 1 control(s) @ \$35/control (\$35)	Customs - Truck Scale Shack
11 Exterior D	3 HID(s) HPS, Magnetic Ballast 250 W/lamp, 1 lamp(s)/fixture	3 LED(s) General Exterior, New Fixture or Retrofit kit 100 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease)	3778 1314 2464(65%)	288 100	Decommissioning : [none] Equipment J3-DS: 3 fixture(s) at \$110/fixture (\$330) Controls: [no controls specified]	Terminal Way - Floods

Measure # Space Status	Existing	Proposed	Controls	Savings (% decrease)	kWh/year	Watts per Fixture	Incentives	Notes
12 Exterior D	7 HID(s) HPS, Magnetic Ballast 100 W/lamp, 1 lamp(s)/fixture	7 LED(s) General Exterior, New Fixture or Retrofit kit 50 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 1993(57%)	3526 1533 50 1993(57%)	115 50	Decommissioning : [none] Equipment J2: 7 fixture(s) at \$40/fixture (\$280) Controls: [no controls specified]	Terminal Way - Rail Line
13 Warehouse D	1 HID(s) HPS, Magnetic Ballast 400 W/lamp, 1 lamp(s)/fixture	1 T5(s) 4 ft Hi-Bay, HO Lamp / Prog- Start Ballast 54 W/lamp, 4 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 2100(62%)	4030 1930 220 2100(62%)	460 220	Decommissioning : [none] Equipment F3-DS: 1 fixture(s) at \$170/fixture (\$170) Controls: [no controls specified]	Warehouse 10 - Vaporlight
14 Exterior D	12 HID(s) HPS, Magnetic Ballast 150 W/lamp, 1 lamp(s)/fixture	12 LED(s) General Exterior, New Fixture or Retrofit kit 50 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 6439(71%)	9087 2628 50 6439(71%)	172 50	Decommissioning : [none] Equipment J2-DS: 12 fixture(s) at \$80/fixture (\$960) Controls: [no controls specified]	Warehouse 10 - Spot Floods
15 Exterior D	1 HID(s) HPS, Magnetic Ballast 400 W/lamp, 1 lamp(s)/fixture	1 LED(s) General Exterior, New Fixture or Retrofit kit 165 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 1292(64%)	2015 723 165 1292(64%)	460 165	Decommissioning : [none] Equipment J4-DS: 1 fixture(s) at \$200/fixture (\$200) Controls: [no controls specified]	Warehouse 10 - Cobra Head
16 Offices D	2 T8 Standard(s) 4 ft, NLO Ballast 32 W/lamp, 4 lamp(s)/fixture	2 T8 HP(s) 4 ft, NLO Ballast 28 W/lamp, 2 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 259(59%)	439 180 48 259(59%)	118 48	Decommissioning : [none] Equipment A2-DS: 2 fixture(s) at \$40/fixture (\$80) Controls: [no controls specified]	Checker Shed 4
17 Exterior D	13 HID(s) MH, Magnetic Ballast 400 W/lamp, 1 lamp(s)/fixture	13 T5(s) 4 ft Hi-Bay, HO Lamp / Prog- Start Ballast 54 W/lamp, 6 lamp(s)/fixture	13 x Occ. Sensor(s) 25 % Reduction	Baseline Proposed Savings (% decrease) 24159(46%)	52385 37635 330 24159(46%)	460 330	Decommissioning : [none] Equipment Non-standard: 16,065 kWh @ \$0.16/kWh (\$2,889) Controls Q2: 13 control(s) @ \$60/control (\$780)	Warehouse 11 - Vaporlights
18 Exterior D	1 HID(s) HPS, Magnetic Ballast 50 W/lamp, 1 lamp(s)/fixture	1 LED(s) General Exterior, New Fixture or Retrofit kit 20 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 164(65%)	252 88 20 164(65%)	57 20	Decommissioning : [none] Equipment J1-DS: 1 fixture(s) at \$50/fixture (\$50) Controls: [no controls specified]	Warehouse 11 - Jelly Jar Fixture
19 Exterior D	2 HID(s) HPS, Magnetic Ballast 400 W/lamp, 1 lamp(s)/fixture	2 LED(s) General Exterior, New Fixture or Retrofit kit 165 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 2584(64%)	4030 1445 165 2584(64%)	460 165	Decommissioning : [none] Equipment J4-DS: 2 fixture(s) at \$200/fixture (\$400) Controls: [no controls specified]	Warehouse 11 - Cobra Head
20 Exterior D	1 Incandescent(s) General Purpose, A-lamp 100 W/lamp, 1 lamp(s)/fixture	1 LED(s) General Exterior, New Fixture or Retrofit kit 20 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease) 350(80%)	438 88 20 350(80%)	100 20	Decommissioning : [none] Equipment J2-DS: 1 fixture(s) at \$60/fixture (\$60) Controls: [no controls specified]	Warehouse 11 - Jelly Jar Fixture