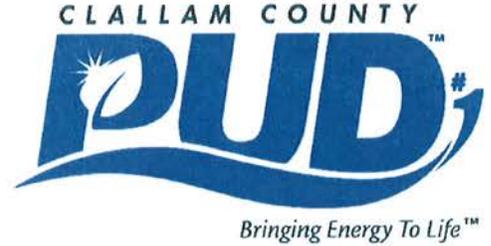


October 21, 2016

Ms. Sarah VanAusdle
Public Works Analyst
City of Sequim
152 West Cedar Street
Sequim, Washington 98382



RE: LED street lighting systems upgrade incentive; Phase 3 (100 pole mounted cobra head lights)

Dear Sarah:

The Public Utility District No. 1 of Clallam County (the District) offers cash incentives to encourage energy efficiency in commercial and industrial facilities. Following is a brief description of the lighting conservation measures identified and the incentives the District can offer for **City of Sequim's** street lighting throughout **Sequim, Washington**.

Energy-Efficient Lighting:

The existing pole mounted cobra head street lighting consists of 100 Watt high pressure sodium lights. To save energy, LED lamps are recommended to replace the existing lighting systems.

The District's cash incentive offer for both of these lighting packages is \$12,000 or 70% of the retrofit cost, **whichever is less**. The estimated annual electrical cost savings are \$2,700.

Phase 3 – 100 Pole mounted cobra heads

District Incentive Amount	\$12,000
Approximate Annual Electrical Savings	\$2,700

Next Step:

If you would like to accept this incentive offer for the lighting upgrade, your next steps are:

- To ensure funding of this project, please sign and return the signed Agreement by December 31, 2016, either as a scanned copy to MattiasJ@ClallamPUD.net or by mailing them to:

PUD No. 1 of Clallam County
Attn: Mattias Järvegren
Post Office Box 1000
Carlsborg, Washington 98324

Ms. Sarah VanAusdle

Page 2

October 21, 2016

- To ensure program compliance, call the District before you purchase any material and begin to work.
- The project must be completed by **December 31, 2017**. Upon completion of the lighting retrofit, please send copies of invoicing for labor and lighting equipment installed. After receiving this information, the District will schedule a verification inspection.

Please be advised that Clallam County P.U.D. is required to notify the Internal Revenue Service of these incentive dollar amounts through IRS 1099. We recommend that you consult with your tax advisor concerning the possible income implications.

If you have any questions or comments regarding these recommendations or would like to discuss further energy-savings opportunities, please feel free to contact me by either phone (360.565.3263) or email (Mattias@ClallamPUD.net).

Sincerely,



Mattias Järvegren
Utility Services Advisor II

Enclosures

Cc: Del Singer – City of Sequim

CLALLAM COUNTY PUD COMMERCIAL/AGRICULTURE/INDUSTRIAL

CONSERVATION IMPLEMENTATION AGREEMENT

This agreement is entered into this **18th day of October, 2016**, between the Public Utility District No. 1 of Clallam County, (hereafter referred to as "District") and the **City of Sequim** (hereafter referred to as "owner or legally authorized representative") of building located at **152 West Cedar Street in Sequim, Washington**.

REPRESENTATION

WHEREAS, the District participates in the Conservation Acquisition Agreement Commercial and Industrial Lighting Offer (CAA C&ILO) Program for Commercial and Industrial Lighting and has adopted a policy to obtain cost-effective resources including energy conservation in order to meet future customer electric energy requirements; and participate in regional conservation programs with the Bonneville Power Administration.

WHEREAS, the Facility Owner is the owner or leaseholder authorized to physically improve the facility at **152 West Cedar Street in Sequim, Washington**.

THEREFORE, the District and the Facility Owner agree as follows:

AGREEMENTS

In consideration of the above representations and the following covenants and conditions, the parties agree as follows:

1. Scope of Work. The participant shall install all the lighting measure, designated in Exhibit A within the facility at the above described location, in accordance with all the CAA C&ILO Rebate Specification and Requirements described in **Exhibits A and B**. Failure to meet all specifications and requirements may result in a reduction elimination of incentives.
2. Award of Funds. Upon installation of the Conservation measures by the Owner or its contractor and inspection and approval by the District, the District agrees to award to the Facility **Owner \$12,000 or 70% of the retrofit cost, whichever is less, upon approval of said installation by the District**. This award is subject to the program Acquisition Payment limits described in **Exhibits A and B**.
3. Use of Billing Information. Owner agrees to allow the District to provide monthly electrical billing information to BPA or its contractors for evaluation purposes for a period of two (2) years following occupancy of the building and for the twelve (12) months prior to measure installation for existing buildings. Should this billing information not be releasable without tenant approval following occupancy, Facility Owner further agrees to allow the District to request from those tenants that the monthly electrical billing information for their spaces be supplied to BPA or its contractors for the same consecutive time period.
4. Evaluation of Program. The Participant agrees to assist the District in evaluating the benefits of the program. This may include but is not limited to follow-up visits at the facility.
5. Energy Savings Verification. The Participant agrees to allow the District access to the facility to inspect all installed Measures to ensure that they are installed correctly and that the Measures meet the program requirements.
6. Disclaimer. Participant acknowledges that, due to the variability of energy use, it is not possible to accurately predict energy savings and that by providing information in good faith concerning the benefits of the energy savings strategies and by entering into this Agreement, the District does not warrant energy savings.

7. Acknowledgement. The Participant acknowledges that District did in no way influence the choice of specific brands of equipment; therefore, the owner is solely responsible for the quality, performance, and durability of said equipment.
8. Hold Harmless. The Participant hereby agrees, on behalf of himself/herself and/or his/her company, corporate officers, employees, agents, assignees, and successors of interest, to hold harmless, indemnify, and defend, the BPA, the District, and their officials, employees, agents and assigns, from and against any and all actions, causes of action, claims, damages, and costs arising out of, or in any way connected with, the provision of design and financial assistance for the building identified above.
9. Codes and Permits. The Owner 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 to have them available for review if requested.
10. Environmental Requirements. The Building Owner and their contractors or agents acting on their behalf, agree to comply with environmental requirements, including PCB Ballast disposal, Historic Preservation, Ventilation, and other items described therein.
11. Legal Authority. By signature below, the undersigned hereby acknowledges that he is the Building Owner or authorized representative.
12. Completion Date. The installation of the lighting measures shall be completed by the **31st day of December, 2017**. If installation is not completed by this date this Agreement shall terminate unless otherwise mutually agreed to in writing.

O. Mattias Järvegren
 Public Utility District
 No. 1 of Clallam County
 P.O. Box 1090
 Port Angeles, WA 98362

By: 

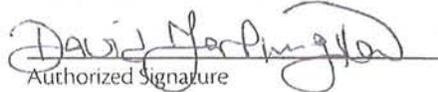
Date: 10/24/2016

**Building Owner or
 Legally Authorized Representative**
 City of Sequim
 152 West Cedar Street
 Sequim, WA 98382
 (360) 681-3437

CITY OF SEQUIM
 Check to be issued to?

91-6001502
 Federal Tax ID No.

Incorporated? Yes No


 Authorized Signature

Date: 10/24/16



Exhibit A

Project Name: Phase 3 - Pole mounted cobra heads

CUSTOMER/MAILING INFORMATION		PROJECT/SITE INFORMATION	
Project Name	Phase 3 - Pole mounted cobra heads	Project/Site Address	152 W Cedar St
Company Name	City of Sequim	City/State/Zip Code	Sequim, WA 98382
Mailing Address	152 W Cedar St		
City/State/Zip Code	Sequim, WA 98382		
Contact Phone Number	(360) 681-3429 xFalse		
Contact Email			
UTILITY AND TRADE ALLY INFORMATION			
Utility	Trade Ally		
Organization	PUD No. 1 of Clallam County		
Contact Name	O. Mattias Järvegren		
Contact Phone Number	(360) 565-3263		
Contact email	Mattias.J@ClallamPUD.net		

ESTIMATED PROJECT SUMMARY	
Estimated Annual Energy Savings	47,304
Estimated Energy Savings (Percentage)	78%
Estimated Annual Utility Bill Savings	\$2,893
Estimated Install Costs	\$33,281
Estimated Incentive	\$12,000

This project is pending utility approval. All figures should be considered estimates.

ITEMIZED PROJECT SUMMARY								
Annual Hours	Measure # Space Status	Existing	Proposed	Controls	kWh/year	Watts per Fixture	Incentives	Notes
4,380	1 Exterior D	120 HID(s) HPS, Magnetic Ballast 100 W/lamp, 1 lamp(s)/fixture	120 LED(s) Exterior, New Fixture or Retrofit kit 25 W/lamp, 1 lamp(s)/fixture	[No controls specified]	Baseline Proposed Savings (% decrease)	115 25	Decommissioning : [none] Equipment H2-70% : 120 fixture(s) at \$100/fixture (\$12,000) Controls: [no controls specified]	Unmetered cobra heads, distributed throughout the City of Sequim.

Exhibit B

Lighting Calculator 3.3 Program Offerings

Measure Series A: T8 Linear Fluorescent

Measure Series A covers both interior and exterior linear fluorescent lighting including 4', 8' T8 and irregular size products.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
A1-30%	Linear Fluorescent (4' & 8')	≤100	≥30%	\$20
A1-40%	Linear Fluorescent (4' & 8')	≤100	≥40%	\$30
A2-30%	Linear Fluorescent (4' & 8')	101-200	≥30%	\$40
A2-40%	Linear Fluorescent (4' & 8')	101-200	≥40%	\$50
A3-30%	Linear Fluorescent (4' & 8')	201-300	≥30%	\$60
A3-40%	Linear Fluorescent (4' & 8')	201-300	≥40%	\$80
A4-40%	Linear Fluorescent (4' & 8')	≥301	≥40%	\$100
A4-60%	Linear Fluorescent (4' & 8')	≥301	≥60%	\$160
A5-40%	Irregular Size Fluorescent (2', 3', 5', 6', 7') and U-Tubes	N/A	N/A	\$20

Note:

- Incentives and reportable savings to BPA for all 4' & 8' T12 fixtures will use the Market Average Baseline. (See the BPA Lighting Formulas and Adjustments form.)

Measure Series B: Compact Fluorescent

Measure Series B covers interior and exterior compact fluorescent lighting including: screw-in CFLs, hardwired CFLs and cold cathodes.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed bulb / fixture*
B1-50%	Dimmable or Flashable Cold Cathode	N/A	≥50%	\$10
B2-60%	Screw-in CFL or Cold Cathode	≤100	≥60%	\$3
B3-60%	Screw-in CFL	101-150	≥60%	\$6
B4-60%	Screw-in CFL	151-300	≥60%	\$60
B5-60%	Screw-in CFL	≥301	≥60%	\$80
B6-50%	Hardwired/GU-24 base CFL	≤100	≥50%	\$20
B6-65%	Hardwired/GU-24 base CFL	≤100	≥65%	\$25
B7-50%	Hardwired/GU-24 base CFL	101-150	≥50%	\$30
B7-65%	Hardwired/GU-24 base CFL	101-150	≥65%	\$40
B8-50%	Hardwired/GU-24 base CFL	151-300	≥50%	\$50
B8-65%	Hardwired/GU-24 base CFL	151-300	≥65%	\$65
B9-50%	Hardwired/GU-24 base CFL	≥301	≥50%	\$90
B9-65%	Hardwired/GU-24 base CFL	≥301	≥65%	\$120

Note:

- *Measures B1 through B5 are calculated per bulb. Total bulb count should be entered in the quantity field. Measures B6 through B9 are incentivized per fixture.

Measure Series C: Induction

Measure Series C covers interior and exterior induction lighting including screw-in and hardwired fixtures.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
C1-50%	Induction	50-99	≥50%	\$40
C2-50%	Induction	100-199	≥50%	\$80
C3-50%	Induction	200-299	≥50%	\$120
C4-50%	Induction	300-399	≥50%	\$160
C5-50%	Induction	400-499	≥50%	\$200
C6-50%	Induction	≥500	≥50%	\$400

Measure Series D: Electronic & Ceramic Metal Halide

Measure Series D covers ceramic and electronic metal halides including screw-in and single or double ended products intended for interior and exterior use.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
D1-50%	Electronic & Ceramic Metal Halide	50-99	≥50%	\$40
D2-50%	Electronic & Ceramic Metal Halide	100-199	≥50%	\$80
D3-50%	Electronic & Ceramic Metal Halide	200-299	≥50%	\$120
D4-50%	Electronic & Ceramic Metal Halide	300-399	≥50%	\$160
D5-50%	Electronic & Ceramic Metal Halide	400-499	≥50%	\$200
D6-50%	Electronic & Ceramic Metal Halide	≥500	≥50%	\$400

Measure Series E: Linear Fluorescent High-Bay

Measure Series E covers interior and exterior high output (HO) High-Bay Linear Fluorescent lighting systems. This measure series is designated by replacing an HID baseline of ≥ 200 watts with high output linear fluorescent lighting systems.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
E1-40%	HO Linear Fluorescent High-Bay	200-299	$\geq 40\%$	\$80
E1-50%	HO Linear Fluorescent High-Bay	200-299	$\geq 50\%$	\$120
E2-40%	HO Linear Fluorescent High-Bay	300-399	$\geq 40\%$	\$120
E2-50%	HO Linear Fluorescent High-Bay	300-399	$\geq 50\%$	\$160
E3-40%	HO Linear Fluorescent High-Bay	400-499	$\geq 40\%$	\$140
E3-50%	HO Linear Fluorescent High-Bay	400-499	$\geq 50\%$	\$200
E4-40%	HO Linear Fluorescent High-Bay	≥ 500	$\geq 40\%$	\$260
E4-50%	HO Linear Fluorescent High-Bay	≥ 500	$\geq 50\%$	\$400

Measure Series F: LED Screw-ins / Small Fixtures

Measure Series F is intended for interior and exterior screw-in and small LED fixtures. This measure series includes: reflectors, PAR, BR, A-lamps, MR-16s, recessed cans (retrofit included), and track fixtures.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
F1-20%	LED Screw-ins/Small Fixtures	≤ 25	$\geq 20\%$	\$5
F2-50%	LED Screw-ins/Small Fixtures	26-60	$\geq 50\%$	\$10
F2-75%	LED Screw-ins/Small Fixtures	26-60	$\geq 75\%$	\$15
F3-50%	LED Screw-ins/Small Fixtures	61-100	$\geq 50\%$	\$20
F3-75%	LED Screw-ins/Small Fixtures	61-100	$\geq 75\%$	\$30
F4-50%	LED Screw-ins/Small Fixtures	101-150	$\geq 50\%$	\$40
F4-75%	LED Screw-ins/Small Fixtures	101-150	$\geq 75\%$	\$60
F5-50%	LED Screw-ins/Small Fixtures	151-199	$\geq 50\%$	\$60
F5-75%	LED Screw-ins/Small Fixtures	151-199	$\geq 75\%$	\$80

Notes:

- Measure F1 is intended for a CFL baseline.
- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series G: LED Tubes & Troffers

Measure Series G covers all sizes and configurations of LED tubes and troffers for interior and exterior use.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
G1-40%	LED Tubes & Troffers	≤100	≥40%	\$20
G1-50%	LED Tubes & Troffers	≤100	≥50%	\$30
G1-60%	LED Tubes & Troffers	≤100	≥60%	\$40
G1-70%	LED Tubes & Troffers	≤100	≥70%	\$50
G2-40%	LED Tubes & Troffers	101-200	≥40%	\$40
G2-50%	LED Tubes & Troffers	101-200	≥50%	\$60
G2-60%	LED Tubes & Troffers	101-200	≥60%	\$80
G2-70%	LED Tubes & Troffers	101-200	≥70%	\$100
G3-40%	LED Tubes & Troffers	≥201	≥40%	\$70
G3-50%	LED Tubes & Troffers	≥201	≥50%	\$100
G3-60%	LED Tubes & Troffers	≥201	≥60%	\$120
G3-70%	LED Tubes & Troffers	≥201	≥70%	\$140

Notes:

- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series H: LED Exterior General Area

Measure Series H is intended for all forms of exterior LED lighting. This measure series includes: parking lot, street, wall packs, bollard, floods, barn/yard, pole lamps, and canopy.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
H1-40%	LED Exterior General Area	50-99	≥40%	\$30
H1-60%	LED Exterior General Area	50-99	≥60%	\$40
H1-70%	LED Exterior General Area	50-99	≥70%	\$50
H2-40%	LED Exterior General Area	100-199	≥40%	\$60
H2-60%	LED Exterior General Area	100-199	≥60%	\$80
H2-70%	LED Exterior General Area	100-199	≥70%	\$100
H3-40%	LED Exterior General Area	200-299	≥40%	\$80
H3-60%	LED Exterior General Area	200-299	≥60%	\$120
H3-70%	LED Exterior General Area	200-299	≥70%	\$140
H4-40%	LED Exterior General Area	300-399	≥40%	\$100
H4-60%	LED Exterior General Area	300-399	≥60%	\$180
H4-70%	LED Exterior General Area	300-399	≥70%	\$250
H5-40%	LED Exterior General Area	400-499	≥40%	\$120
H5-60%	LED Exterior General Area	400-499	≥60%	\$220
H5-70%	LED Exterior General Area	400-499	≥70%	\$300
H6-40%	LED Exterior General Area	≥500	≥40%	\$250
H6-60%	LED Exterior General Area	≥500	≥60%	\$400
H6-70%	LED Exterior General Area	≥500	≥70%	\$500

Notes:

- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series I: LED High-Bay

Measure Series I is intended for interior LED High-Bay applications.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
I1-40%	LED High-Bay	200-299	≥40%	\$80
I1-60%	LED High-Bay	200-299	≥60%	\$140
I1-70%	LED High-Bay	200-299	≥70%	\$200
I2-40%	LED High-Bay	300-399	≥40%	\$100
I2-60%	LED High-Bay	300-399	≥60%	\$180
I2-70%	LED High-Bay	300-399	≥70%	\$300
I3-40%	LED High-Bay	400-499	≥40%	\$140
I3-60%	LED High-Bay	400-499	≥60%	\$240
I3-70%	LED High-Bay	400-499	≥70%	\$360
I4-40%	LED High-Bay	≥500	≥40%	\$250
I4-60%	LED High-Bay	≥500	≥60%	\$400
I4-70%	LED High-Bay	≥500	≥70%	\$500

Notes:

- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series J: LED Parking Garage

Measures Series J is intended for parking garage applications with at least an 18/7 operating schedule. Parking garage applications under 18 hours per day should use Measure Series H: LED Exterior General Area.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
J1-40%	LED Parking Garage	50-99	≥40%	\$40
J1-60%	LED Parking Garage	50-99	≥60%	\$50
J1-70%	LED Parking Garage	50-99	≥70%	\$60
J2-40%	LED Parking Garage	100-199	≥40%	\$60
J2-60%	LED Parking Garage	100-199	≥60%	\$100
J2-70%	LED Parking Garage	100-199	≥70%	\$160
J3-40%	LED Parking Garage	200-299	≥40%	\$100
J3-60%	LED Parking Garage	200-299	≥60%	\$160
J3-70%	LED Parking Garage	200-299	≥70%	\$250
J4-40%	LED Parking Garage	300-399	≥40%	\$140
J4-60%	LED Parking Garage	300-399	≥60%	\$220
J4-70%	LED Parking Garage	300-399	≥70%	\$350
J5-40%	LED Parking Garage	400-499	≥40%	\$200
J5-60%	LED Parking Garage	400-499	≥60%	\$280
J5-70%	LED Parking Garage	400-499	≥70%	\$400

Notes:

- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series K: LED Loading Dock

Measure Series K is intended for interior and exterior loading dock applications.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
K-70%	LED Loading Dock	100-2000	≥70%	\$100

Notes:

- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series L: LED Exit Signs

Measure Series L is intended for all LED exit signs.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
L-90%	LED Exit Signs	10-60	≥90%	\$40

Notes:

- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series M: Linear LED Application

Measure Series M is intended for interior and exterior linear LED applications and includes: refrigerator case lights and accent / cove lighting.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
M-60%	Linear LED Application	≥60	≥60%	\$15

Notes:

- Users will enter total linear feet as the quantity for Measure Series M.
- Please refer to the LED Quick Reference Guide for performance guidelines.
- Trade Allies should check with utilities for any applicable LED requirements.

Measure Series N: Controls

Measure Series N covers occupancy sensors and bi-level controls.

Measure	Description	Watt Baseline	Required Wattage Reduction	Incentive per installed fixture
N1	Controls	45-200	≥25%	\$35
N2	Controls	≥201	≥25%	\$60

Advanced Controls:

LC 3 offers calculated incentives for advanced controls. Controls are considered advanced when they deploy multiple strategies and are self-reporting. The BPA lighting team will accept data logging if self-reporting features are not available. Advanced controls require a minimum of two weeks data post system commissioning. The lighting calculator treats Advanced Controls as non-standard measures and requires BPA approval.

Measure Series O: Decommissioning

The lighting calculator will automatically recognize decommissioning when there is a reduction in fixtures and applies a calculated incentive (including any deemed equipment incentives that are part of that measure row). Incentives are calculated based on the total adjusted savings. Decommissioning measures must provide a net energy savings of at least 10% and merit an incentive of at least \$5.00 to be eligible for an incentive. To qualify for decommissioning, a fixture must be completely removed, not just disconnected. BPA will not require conduit leading up to the fixture to be removed.

Measure	Description	Watt Baseline	Required Wattage Reduction	Utility Incent. (/kWh)
O	Decommissioning	N/A	N/A	\$0.18

Measure Series P: Non-Standard Measures

When calculator users are not able to select the existing or proposed equipment from the drop down boxes within the Measures Tab, the information may be entered as a non-standard measure which will receive a calculated incentive. A non-standard measure allows the user to manually key in the desired existing or proposed equipment. Non-standard measures must save at least 10% and merit an incentive of at least \$5.00 to be eligible for an incentive.

Requirement: Non-standard measures require approval from the BPA Lighting Team.

Applications that need to be sent in for non-standard approval include (but are not limited to):

- Advanced Lighting Controls
- Sign lighting

Measure	Description	Watt Baseline	Required Wattage Reduction	Utility Incent. (/kWh)
P	Non-Standard Measures	N/A	N/A	\$0.18

New Construction

Requirement: New construction projects must save at least 20% to be eligible for an incentive.

Measure	Description	Watt Baseline	Required Wattage Reduction	Utility Incent. (/kWh)
NC	New Construction	N/A	N/A	\$0.18

Non-Residential Lighting LED Quick Reference Guide

Trade Allies are encouraged to check with utilities for applicable LED requirements

LEDs by Application	Minimum Required Wattage Reduction for Deemed Measures	Qualified Product List Recommended	Measure
Screw-in/Small LED Fixtures Includes: Reflectors, PAR, BR, A-lamps, MR-16s and Small LED Fixtures including: recessed cans (retrofit included) and track fixtures	≥50% minimum Measure F1 requires a 20% wattage reduction	Yes	F1 – F5
LED Tubes & Troffers Includes all sizes of LED tubes and troffers	≥40% minimum		G1- G3
Exterior General Area Includes: Parking Lot, Street, Wall Packs, Bollards, Floods, Barn/Yard, Pole Lamps, and Canopy.	≥40% minimum		H1- H6
High Bay	≥40% minimum		I1 – I4
Parking Garage	≥40% minimum		J1 – J5
Loading Dock	≥70% minimum		K
Linear LED Applications Includes: refrigerator case lights and accent / cove lighting.	N/A		M
Exit Signs	N/A	No	L

A **Qualified Product List (QPL)** is a third-party-compiled list that validates a product's lab test results (i.e. LM-79). Web links to these QPLs can be accessed on the "Links" tab of the lighting calculator input form.

Medium base screw in lighting fixtures and lamps	- Energy Star
Lighting fixtures / luminaires	- DLC (Design Lights Consortium)
Miscellaneous lighting fixtures and lamps	- LDL (Lighting Design Lab)

