



Energy Efficiency Department  
**Setting a LED  
Streetlight Rate**  
November 20, 2017

## **Purpose-Initiate rate setting process to:**

1. Account for the reduction in energy usage from LED streetlights
2. Take advantage of grant funding

## **Agenda**

- Review what has been completed
- Grant funding and how it's tied to proposed LED rate
- Proposed new LED rate
- **Requested ACTION:** Set community meeting schedule and hearing date

# What's happened since the last time we met?

- Stakeholder engagement
- Completed streetlight inventory and audit
- Finding and obtaining funding



# Engaging Stakeholders

- **External**
  - Met with cities, Chelan County, and DOT throughout the project
  - Launched LED street light pilot project in 2016
    - Very few responses
- **Internal**
  - Rate and Policy Committee
  - Lighting Standards Group





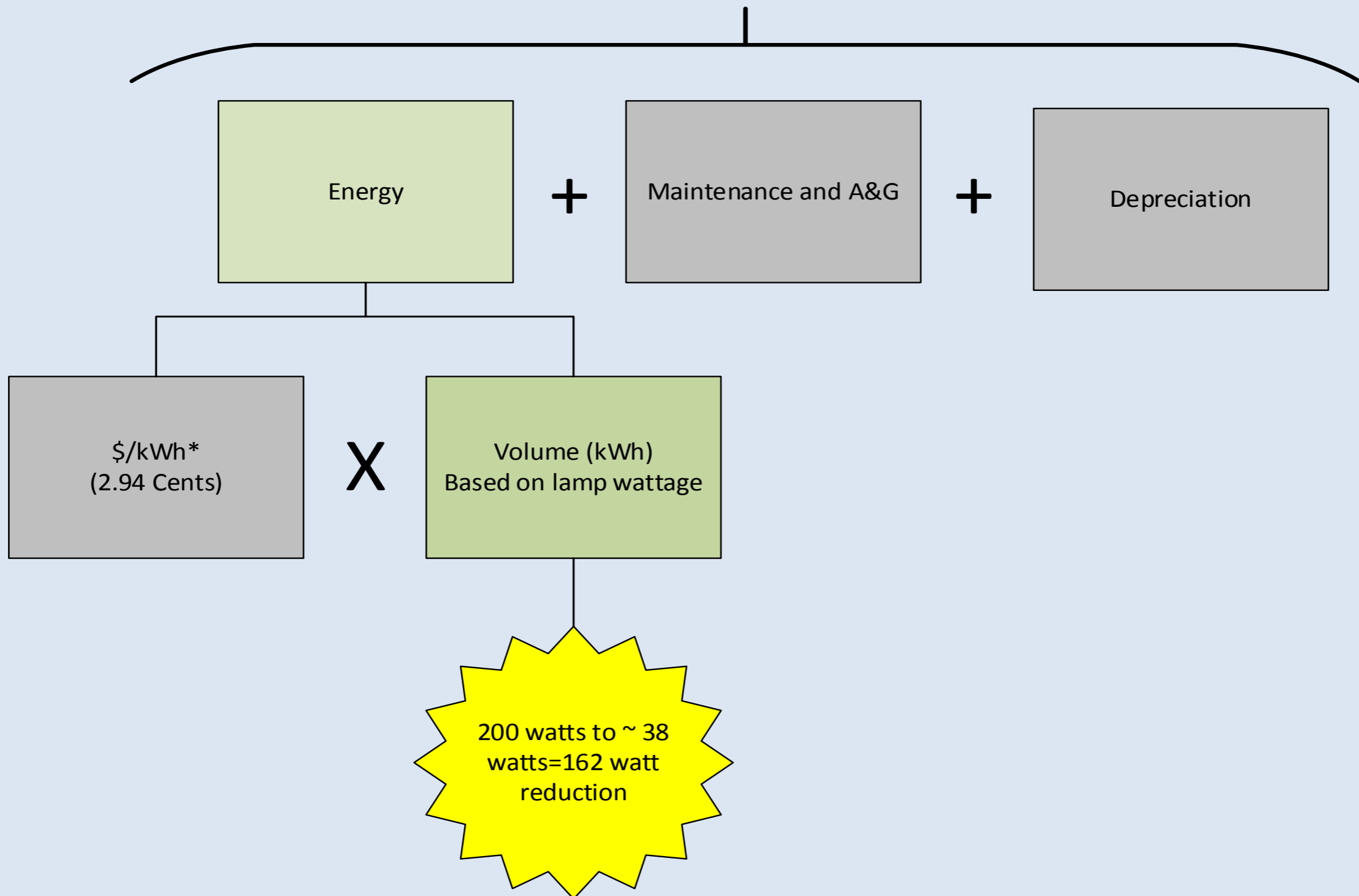


## Grant Funding Sources

- \$287,000 in funding from Commerce
- Targeting \$500,000-\$550,000 in funding from the Transportation Improvement Board (TIB)
  - TIB funding covers up to 100% of the cost to retrofit streetlights in cities with a population of less than 5,000
  - TIB funding is contingent on streetlight cost-reductions to the cities that are being funded.

# Proposal: Reduce Monthly Rates by Energy Reduction

## Components of Monthly Streetlight Rate



# How does the reduction in wattage translate into an LED rate?

Rate Schedule	Description	Exist. Monthly Charge	Exist. Wattage	Prop. Wattage (Avg.)	Impact Based On Wattage Reduction	Proposed Monthly Charge
<b><u>Recommended Change to Rate Schedule</u></b>						
7	Muni Owned Light w/ District Maintained	\$10.45	200	37.8	\$1.43	\$9.00
7	Non-Muni. Overhead Svc. On Existing Pole	\$9.40	200	37.8	\$1.43	\$8.00
7	Muni. Overhead Using an Existing Pole	\$7.25	200	37.8	\$1.43	\$5.80
8	Overhead Service Using New Pole	\$11.95	200	37.8	\$1.43	\$10.50
9	Underground Service to PUD-Owned, Installed and Maintained by District	\$10.50	200	37.8	\$1.43	\$9.10
10	Underground Service to PUD-Owned, Installed and Maintained by District	\$10.00	200	37.8	\$1.43	\$8.60



# Proposed Schedule

- Seek board approval to set three informational meetings and a public hearing.
- Three informational meetings
  - Leavenworth-Dec. 11, 2017 at 5:30PM in the Chelan PUD Leavenworth Auditorium
  - Chelan-Dec. 12, 2017 at 5:30PM in the Chelan PUD Chelan Conference Room
  - Wenatchee- Dec. 20, 2017 at 5:30PM in the Confluence Technology Center
- Set Public Hearing
  - First Board of Commissioner meeting in January, 2018 (either the 2<sup>nd</sup> or the 8<sup>th</sup> depending on scheduling)

# Proposed Motion for Consideration

“Board moves to set public informational meetings regarding the development of an LED Streetlight Rate in the Chelan PUD Auditorium, 222 Chumstick Highway, Leavenworth at 5:30PM on Dec. 11, 2017; in the Chelan PUD Conference Room, 1034 E. Woodin Ave., Chelan at 5:30PM on Dec. 12<sup>th</sup>, 2017; and in the Confluence Technology Center Skykomish Room, 285 Technology Center Way, Wenatchee at 5:30PM on Dec. 20<sup>th</sup>, followed by a hearing in the Chelan PUD Board of Commissioners Conference Room, 327 N. Wenatchee Ave., Wenatchee at the first Board meeting in January, 2018 which will either be January 2<sup>nd</sup> or January 8<sup>th</sup> depending on scheduling, as part of the regular commission meeting at the Chelan PUD Headquarters Building and directs staff to take all appropriate action to provide notice of the informational meetings and public hearing.”

# QUESTIONS?



CHELAN COUNTY