

**EXH. TAH-6  
DOCKETS UE-240004/UG-240005  
2024 PSE GENERAL RATE CASE  
WITNESS: TROY A. HUTSON**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PUGET SOUND ENERGY,**

**Respondent.**

**Docket UE-240004  
Docket UG-240005**

**FIFTH EXHIBIT (NONCONFIDENTIAL) TO THE  
PREFILED DIRECT TESTIMONY OF**

**TROY A. HUTSON**

**ON BEHALF OF PUGET SOUND ENERGY**

**FEBRUARY 15, 2024**

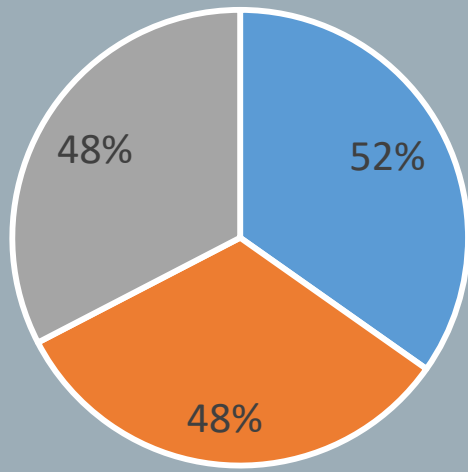
# Equity in Streetlight Maintenance – Benchmarking Data Analytics

April 12, 2023



## Introducing PSE's Equity Impact on Streetlight Maintenance

% of Streetlight Outage Requests



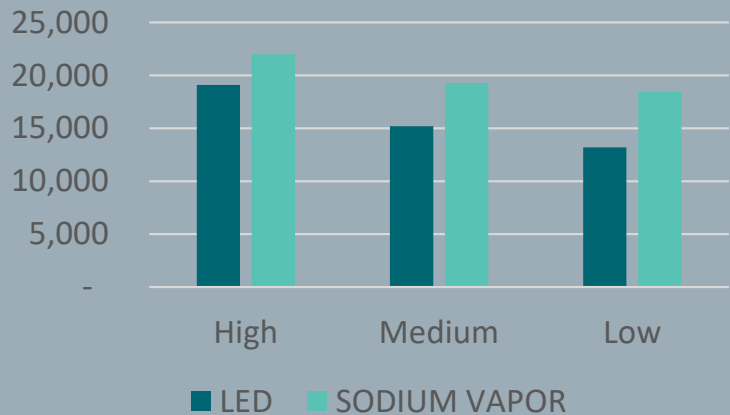
■ high ■ medium ■ low

Effective and timely Streetlight Maintenance is a community protective factor that directly contributes to safety and security in neighborhoods.

Our current approach is reliant on notification of outages & rapid response.

## Streetlight Maintenance Equity Activity

Distribution of Streetlights  
Within Vulnerable  
Communities



**The past five years Pole Services has been changing out Sodium Vapor to LED as they fail. Compared to Sodium Vapor lights – LED lights require less maintenance, last longer, lower monthly rates, and are more energy efficient**

### Vulnerable Communities Breakdown of Lights per Type

#### High VP Communities

- 21% Sodium Vapor
- 18% LED

#### Medium VP Communities

- 17% Sodium Vapor
- 12% LED

#### Low VP Communities

- 18% Sodium Vapor
- 14% LED

## Streetlight Maintenance Equity Summary



- ◆ Our data driven framework allows us to benchmark our equity performance as being in line with Justice40 initiative accelerator.
- ◆ While the data pattern indicates that we are equally serving all types of communities, we strive to pinpoint areas of resource allocation in order to enhance distributional equity in our operational domain.
- ◆ Our key priority in the next biennium is to concentrate our efforts on increasing LED conversions in High Vulnerable Communities to scale up our existing baseline.