

City Council A Session

City Wide Streetlight Program

Ben Gorzell,
Chief Financial Officer
June 2, 2016

LED vs. HPS

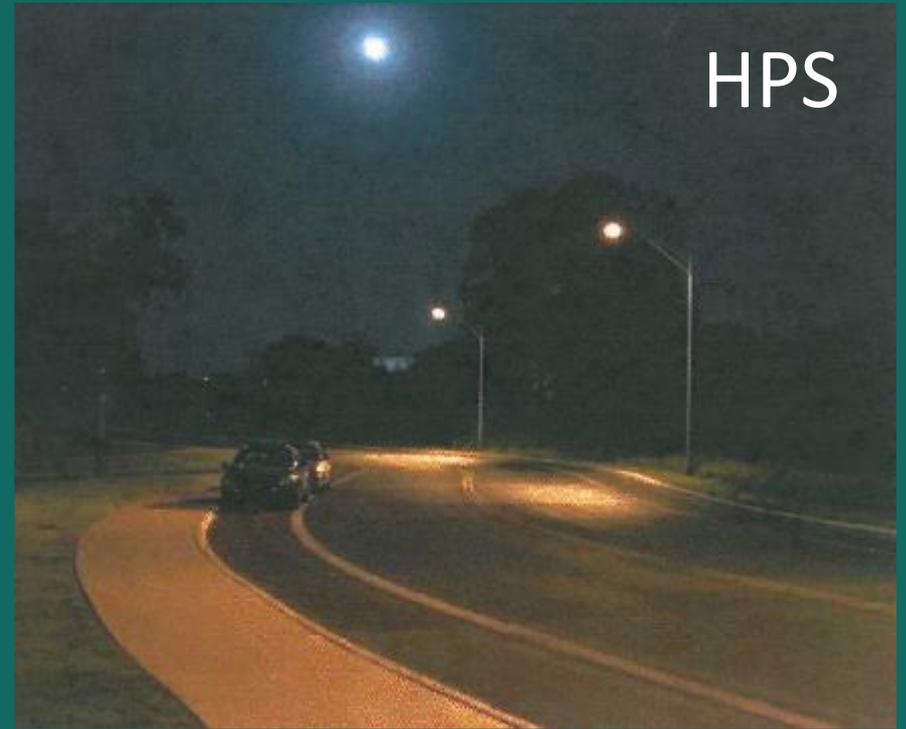
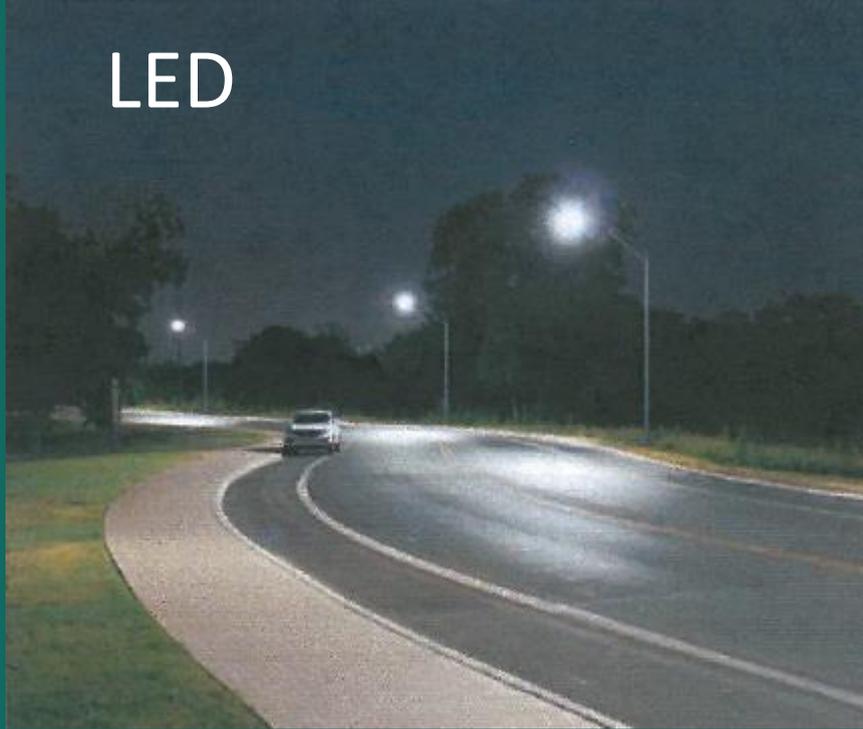
LED



HPS



LED vs. HPS



Benefits of LED



Reduced
Energy
Usage



Reduced
Maintenance &
Replacement Costs



Reduced
Fuel Costs

City Streetlight Inventory Retrofit Plan

72,500 Street Lights City Wide



23,500

Major Street
Retrofit

October 2014



1,500

Downtown
Retrofit

October 2016



30,000

Residential
Retrofit

March 2018



17,500 Remaining

9,947 Expressway

6,800 Standard

300 Decorative

292 Mission Trails

161 Other

LED Retrofit Rate Approved by
City Council in 2012

Proposed LED
Rate Request

Proposed Ordinance

LED Rates for 5 New Streetlight Rate Classes &
Updated Prices on Existing LED Retrofit Streetlight Tariff

New &
Updated
Rates

LED Conversion

New LED
Streetlight
Installation

Projects
That
Benefit

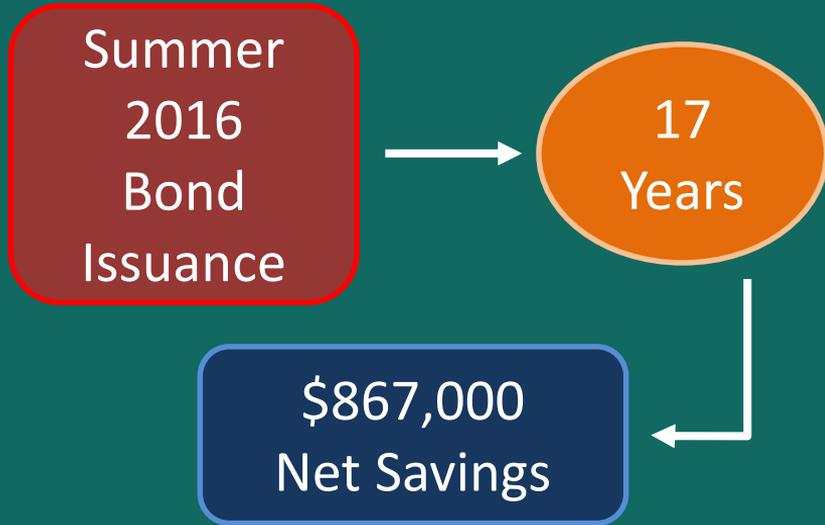
Residential LED
Streetlight
Retrofit Project

D5 Streetlight
Improvement
Project



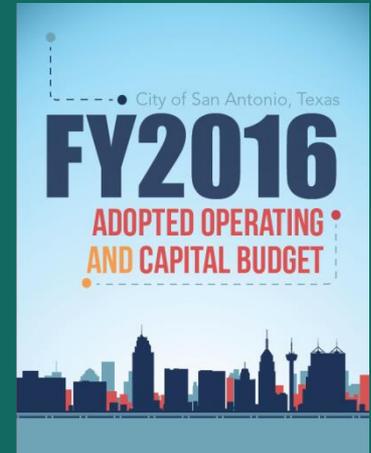
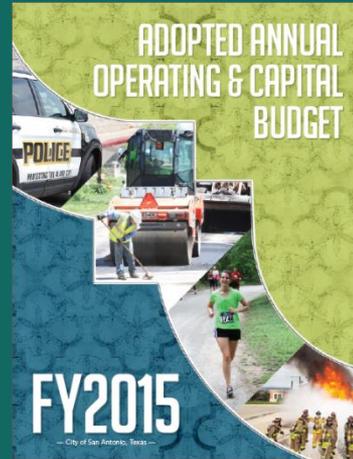
Streetlight Funding

Residential Improvements



District 5 Additional Streetlight Improvements

\$2 Million



LED Technology Considerations



GREENSTAR

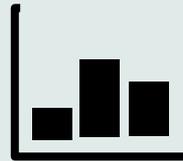
Potential for Smart Technology Adders



Real Time
Outage
Monitoring



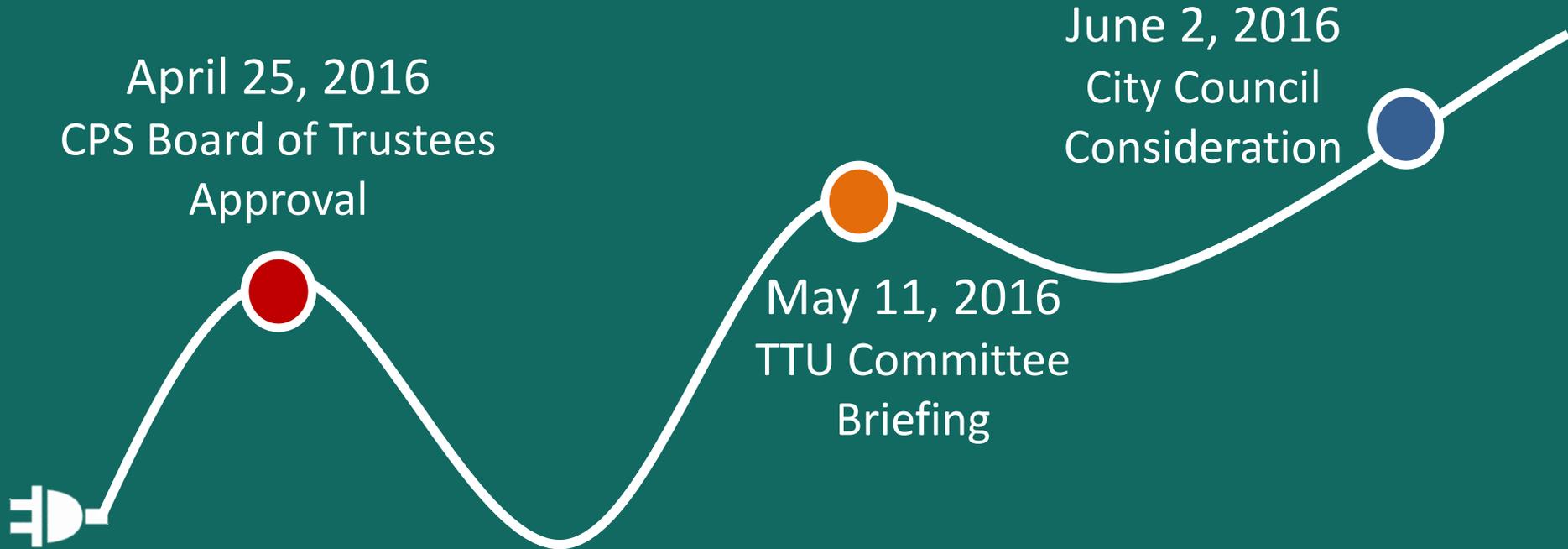
Dimming
Capability

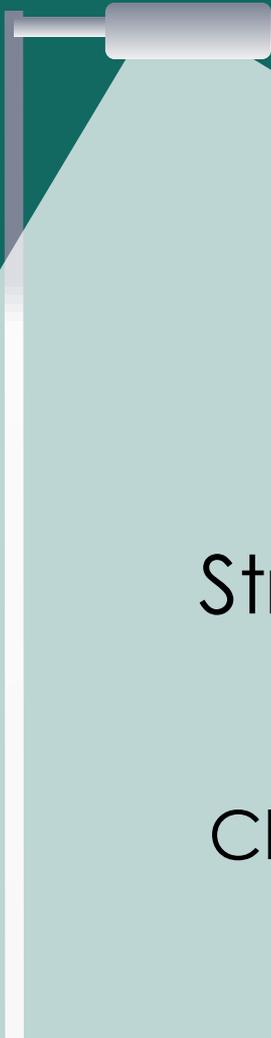


Consumption
Monitoring

Recommendation/Timeline

Recommend Approval of Proposed New LED Streetlight Rates and Updates to the Existing LED Retrofit Rates.





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