

Climate, Energy, and Environmental Policy Committee

Selected Street Lights Best Practices						
Location	Description/Goals	# of Lights	Year Started	LED Manufacture/Provider	Estimated Savings	Payback
Anchorage, AK	<ul style="list-style-type: none"> • Replacement of all existing street lights to LED • Reduce pollution 	16,000	2008	Cree Inc. and BetaLED	50%	7 Years
Ann Arbor, MI	<ul style="list-style-type: none"> • Replace decorative sidewalk lighting with LED • Replace street lighting with LED 	1,021	2007	Cree Inc., Holophane, IntenCity, Leotek, Lumecon, and Millenia Technologies	50-80%	4.4 Years
Los Angeles, CA	<ul style="list-style-type: none"> • Create a greener LA • Reduce global warming • City-wide conversion to LED 	140,000	2008	Various	40%	7 Years
Oakland, CA	<ul style="list-style-type: none"> • Pilot program in residential area • Replaced HPS lighting with LED fixtures 	15	2008	BetaLED	52%	5-14 Years**
San Francisco, CA	<ul style="list-style-type: none"> • Test four different LED fixtures • Compare LED to HPS in residential pilot program 	20 lights 5 from each manufacturer	2008	BetaLED, Cyclone, Leotek, and Relume	50-70.2%	6.3-15.3 Years**



Information Sources:

<http://www.lacity.org/BSL/>

<http://www.ledcity.org/press-room/anchorage-joins-led-city.html>

<http://www.mwcog.org/environment/streetlights/downloads/Case%20Studies%2003%2013%2009.pdf>

**The payback periods have been calculated here based on maintenance costs reductions from 0-100% thus giving a longer payback period when maintenance costs are not reduced.