

## **Street Lighting Display at SCE&G's Office in North Charleston**

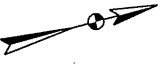
The five streetlights installed near the visitor parking lot at SCE&G's Leeds Avenue Electric Operations office in North Charleston show a comparative display of current street lighting technologies. Four of these lights meet new standards established by the Energy Independence and Security Act of 2007 which aims to increase the use of alternative energy solutions and reduce dependence on foreign oil.

Beginning in 2009, federal law will prohibit the manufacture of traditional mercury vapor and metal halide fixtures. Therefore other technologies are being compared for their environmental and lighting value.

At the SCE&G facility, two mercury vapor fixtures are installed alongside three alternate lighting solutions including two LED lights, a pulse start metal halide light and high pressure sodium double floodlights. Decorative high pressure sodium lighting similar to the two decorative lights on site remains a viable option, but was not included as part of this demonstration.

While these lights were installed as part of a comparison study between the technologies for SCE&G, comments from the public are welcomed.

# STREET LIGHTING DEMO

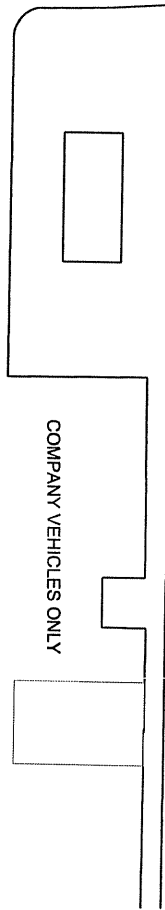


TO DORCHESTER RD. →

LEEDS AVE.

AZALEA AVE

TO I-526



STREET LIGHT SPECIFICATIONS					
LOCATION	DESCRIPTION	MOUNTING HEIGHT (FT)	WATTAGE	LUMENS	LAMP LIFE (HOURS)
1	MERCURY VAPOR CLOSED	30'	175	7,950	24,000
2-A	LED	30'	155	6,720	70,000
2-B	LED	30'	180	13,800	70,000
3	MERCURY VAPOR TRADITIONAL	13'	175	7,950	24,000
4	PULSE START METAL HALIDE TRADITIONAL	13'	100	9,000	24,000
NOT SHOWN	HIGH PRESSURE SODIUM (HPS)	-	150	15,000	24,000
5	2-HPS FLOODLIGHTS	30'	400	45,000	24,000

**NOTE: POLES #1- #5 MAY BE SWITCHED CONTROLLED (AT EACH POLE) TO OBSERVE INDIVIDUAL LIGHTS. ALL EXCEPT #2 (LED) WILL REQUIRE SEVERAL MINUTES TO RELIGHT AFTER BEING SWITCHED ON.**