

**Subject: DES- Street Light Ownership Trends**

**FY 2018 Proposed Budget  
Budget Work Session Follow-up**

**4/13/2017**

The following information is provided in response to a request made by Mr. John Vihstadt for the work session on 3/28/2017: Street Lights Ownership Trends: The chart (web 461) shows an upward trend in County-owned streetlights and a downward trend for Dominion Virginia Power (DVP) streetlights. What accounts for these divergent trends? Does the County also track the operation of VDOT-owned street lights? What is the numerical trend there?

As a part of site plan and use permit developer projects, streetlights and streetscapes are being rebuilt and the existing DVP High Pressure Sodium (HPS) cobra street lights are being converted to County Light Emitting Diode (LED) lights following County specifications. These conversions are taking place principally in the Metro Corridors, which yields an upward trend on County streetlights; there is a corresponding downward trend in DVP-owned lights.

VDOT has only 200 street lights in the County, almost all of which are associated with the ramps to limited access highways such as I-66, I-395, Route 1, and Route 110. Dominion maintains an inventory of roughly 11,200 street lights in County.

On a case by case basis, the County may take over DVP lights or VDOT lights. If there are a few DVP lights located between County-owned and maintained lights in a commercial corridor, the County will consider taking these lights over to provide for better continuity of lighting and a more logically defined maintenance area for the street lighting.

Critical Measures	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimate	FY 2018 Estimate
Average response time (days) for County streetlights - major (underground) repairs	N/A	N/A	N/A	N/A	120	30
Average response time (days) for County streetlights - minor repairs	N/A	N/A	N/A	N/A	30	3
<b>County owned streetlights</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>7,350</b>	<b>7,600</b>	<b>7,850</b>

Supporting Measures	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Estimate	FY 2018 Estimate
<b>Dominion Virginia Power (DVP) owned streetlights</b>	<b>11,640</b>	<b>11,600</b>	<b>11,800</b>	<b>11,300</b>	<b>11,200</b>	<b>11,000</b>
Trouble calls received for County Streetlights	N/A	N/A	N/A	1,956	1,600	1,400
Trouble calls received for DVP Streetlights	N/A	N/A	N/A	2,305	2,700	3,200