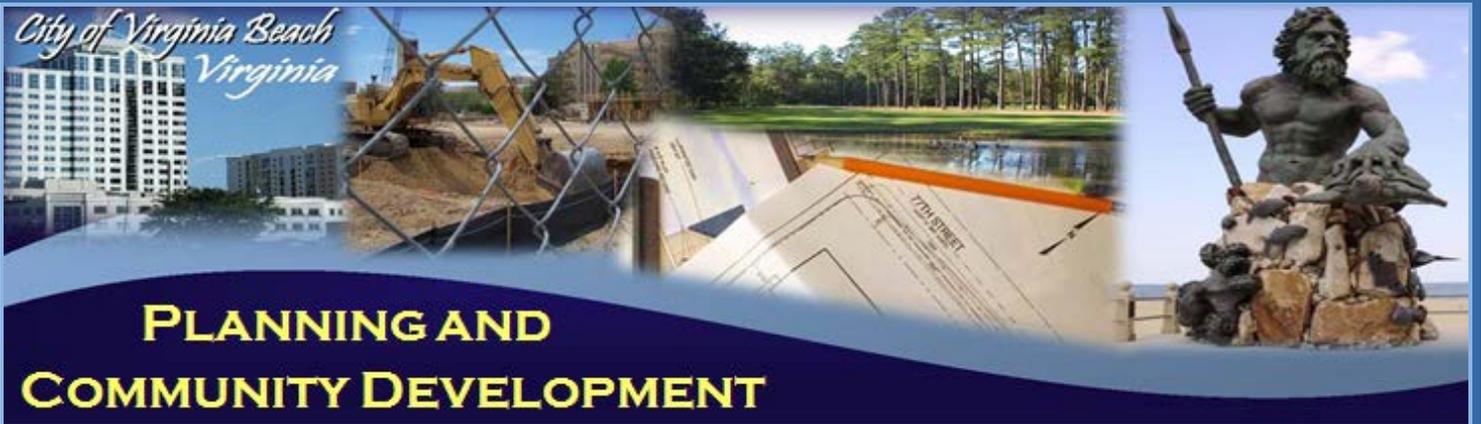


City of Virginia Beach
Virginia



PLANNING AND COMMUNITY DEVELOPMENT



Consultants, Builders and Developers Notice #2020-01-03

January 3, 2020

Topic: High Pressure Sodium Streetlight Phase-Out

Due to declining production of high pressure sodium (HPS) streetlight fixtures and increased demand for light-emitting diode (LED) lighting, Dominion Energy has initiated a phase out of HPS lighting service for new installations between the summers of 2019 and 2021. The attached Phase Out Schedule provides additional information and background.

For development projects currently in design, or recently approved, HPS fixtures will continue to be installed if work orders for streetlighting have been initiated by June 30, 2020, streetlight installation has been completed by June 30, 2021, and if HPS inventory is still available through Dominion Energy. If a project, or phase of a project, cannot meet these deadlines or HPS inventory is no longer available, it will be necessary that for that project to redesign the streetlights with LED lighting and submit plan revisions to Development Services Center (DSC) for review and approval prior to issuance of permits and initiation of a Dominion Energy work order. Please note that streetlight work orders are initiated by Public Works Traffic Engineering once projects are approved, permitted, and streetlight sureties are posted with DSC.

The City is currently working with a firm to help select the new City standard LED fixtures from Dominion's available products list and develop new standards for spacing, lumens, mounting height, etc. based on the selected fixtures. Another notice will be sent out with the new information once it is finalized. The City's Public Works Design Standards will also be updated to reflect the use of LED fixtures. Traffic Engineering will continue to allow HPS fixtures on site development plans which intend to meet Dominion Energy's scheduling requirements mentioned above, until the inventory runs out, or the applicable LED fixtures are chosen and the standards are finalized.

For assistance or questions, please contact:

Heather Hartle, P.E.hhartle@vbgov.com ... (757) 385-8767

Richard Lowman, P.E.rlowman@vbgov.com ... (757) 385-5693

July 01, 2019

Re: *Planned Phase-Out of Schedule 150, Municipal and County Roadway, Directional and Area Lighting Service – High Pressure Sodium*

Dear VEPGA Membership:

The purpose of this letter is to alert you to upcoming changes in the availability of High Pressure Sodium (HPS) outdoor lighting currently provided by Dominion Energy Virginia (Dominion, or the Company) under Schedule 150. As you may know, HPS production has been declining due to increasing demand for outdoor lighting service using light-emitting diode (LED) technology. As a result of this declining production, Dominion will be phasing out HPS outdoor lighting service for new installations over the next two years. This letter provides an overview of the LED outdoor lighting options available to members of the Virginia Energy Purchasing Governmental Association (VEPGA) and the phase-out timeline agreed to by Dominion and VEPGA.

Dominion/VEPGA Amendment No. 8 and LED Options

In August 2018, Dominion and VEPGA reached agreement on revisions to Schedule SSL, *Municipal and County Solid State Outdoor Lighting*, and Schedule D, *Municipal and County Luminaire Conversion Charges*. Key changes that Dominion and VEPGA agreed to include:

- *More LED fixture styles.* VEPGA members can now choose from 18 LED fixture styles, shown on the Company's website at <https://www.dominionenergy.com/large-business/outdoor-lighting/led>. Ten of these 18 styles are classified as lower-cost basic offerings.
- *Choice of color temperatures.* Before the updates, the Company offered its LED options in 4000K color temperature only. While Dominion will continue to offer 4000K color temperatures, 16 of the 18 LED fixture offerings will be available in the warmer 3000K color temperature.
- *Enhanced design options.* Members will have a greater range of wattages and lumens to choose from when designing and implementing outdoor lighting projects.
- *Future-ready capabilities.* All LED fixtures will have 7-pin capability compatible with future network and electronic functionalities. Over time, this capability will allow the Company to offer smart streetlight features like automatic outage reporting and dimming.

The agreement also includes incentives to encourage the transition of existing streetlights to LED technology. For example, revisions to Schedule D establish flat-rate pricing for the conversion of existing streetlights to LED technology, with pricing based on the classification of the existing fixtures as either basic or premium. In addition, Dominion has agreed to replace failed HPS streetlight fixtures with comparable LED fixtures at no cost, unless the jurisdiction has notified the Company that a failed fixture should be replaced with a comparable HPS fixture for a limited time and to the extent such HPS fixture is available.

Phase-Out Timeline

Production of HPS fixtures has waned considerably due to widespread adoption of LED technology by customers and their decreasing demand for HPS fixtures. Cut-backs in HPS production have impacted the Company's ability to maintain adequate inventories for existing HPS streetlights as well as its ability to ensure fulfillment of future requests for new HPS fixtures.

Dominion recognizes that various factors may limit how quickly VEPGA members can transition from HPS to LED outdoor lighting. These factors include local design regulations that may require amendment and approved design plans with multi-year bonds. Consequently, Dominion and VEPGA have agreed upon a "glide path" to allow for the continued design and installation of new HPS fixtures during an agreed-upon period. Under this glide path:

- Work requests for new HPS streetlights, made ready for Dominion Design, must be initiated by the customer on or before **June 30, 2020**. Dominion will produce and provide cost estimates as prompt as possible based upon the timing of the work requests to meet the target timelines herein.
- The customer must provide a letter of authorization, along with approval to release the project, on or before **December 31, 2020**.
- All new HPS installations will be completed on or before **June 30, 2021**, barring unforeseen circumstances.
- **While the Company has agreed to send this letter with the above dates, it is important to note that the Company will make efforts to supply HPS fixtures through the identified times above, however the customers must recognize that circumstances beyond the Company's control may prohibit the fulfillment of a customer's requests.**

The Company has been notified by its suppliers that HPS fixture shortages may impact installation costs for new HPS lighting work requests and/or lead to delays in material lead times. Dominion will work with its customers to keep them informed of price increases and/or delays associated with particular projects. The Company also will notify its customers of alternative LED fixtures that the customer may want to consider and select for new installation in lieu of the requested HPS fixtures. In the event certain HPS fixtures are no longer available, the Company will work with the Customer to identify an alternative LED fixture to use for such new installation.

If you have questions, please contact Dominion's Susan Hollcroft at susan.j.hollcroft@dominionenergy.com. You may also want to reach out to VEPGA by contacting its Secretary/Treasurer, Sandra Harrington, at sharring@vml.org or 804-523-8524.

Sincerely,



Robert J. Trexler
Director - Regulation
Dominion Energy Virginia