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November 30, 2018

Honorable Kathleen H. Burgess, Secretary  
State of New York Public Service Commission  
Three Empire State Plaza  
Albany, New York 12223-1350

**Re: Central Hudson Gas & Electric Corporation: LED Street and Area Lighting**

Dear Secretary Burgess:

Central Hudson Gas & Electric Corporation ("Central Hudson" or "the Company") hereby files the following proposed tariff amendments on November 30, 2018 to become effective April 1, 2019.

**P.S.C. No. 15 – Electricity**

21 <sup>st</sup> Revised Leaf No. 205	22 <sup>nd</sup> Revised Leaf No. 217
18 <sup>th</sup> Revised Leaf No. 205.1	3 <sup>rd</sup> Revised Leaf No. 217.1
Original Leaf No. 205.1.1	18 <sup>th</sup> Revised Leaf No. 218
4 <sup>th</sup> Revised Leaf No. 206.3	15 <sup>th</sup> Revised Leaf No. 218.1

The purpose of this filing is to provide a more comprehensive light emitting diode (LED) product option under Rate A (Company owned and maintained) Service Classification ("SC") No. 8 – Public Street and Highway Lighting, and Service Classification No. 5 – Area Lighting Service, as described below.

**Background**

On October 27, 2016, Central Hudson filed tariff amendments to its electric tariff schedule, P.S.C. No. 15, to establish new LED options under SC No. 5, and to modify existing LED options under SC No. 8. On January 24, 2017, further modifications were filed to include additional LED fixture options for both SC No. 5 and SC No. 8. The tariff revisions were approved, and became effective March 10, 2017.<sup>1</sup>

However, the SC No. 5 and SC No. 8 LED fixtures added to the tariff were strictly the "cobra head" style, and did not include specialty, decorative, or post top fixtures in either SC No. 5 or SC No. 8, despite the fact that these fixture types were included in SC No. 5 and SC No. 8 in high pressure sodium (HPS) and metal halide (MH) options. Advancements in LED manufacturing, increased lumens per watt efficiency, and lower purchase prices make this the right time for all fixtures to be made available with an LED option in SC No. 5 and SC No. 8.

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<sup>1</sup> Case 16-E-0616, Tariff Filing by Central Hudson Gas and Electric Corporation to establish new LED lighting options under Service Classification No. 5 – Area Lighting Service and modify Service Classification No. 8 – Public Street and Highway Lighting, P.S.C. No. 15 – Electricity.

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## **Proposed Amendments**

### ***LED Default Standard***

As LED penetration and demand has increased, demand and production of HPS has decreased, resulting in higher prices and decreased availability. In order to contain cost increases, improve efficiency, increase environmental benefits, provide customer cost savings, and increase productivity through standardization of installations and inventory, the Company proposes that all SC No. 5 and SC No. 8 non-LED fixture offerings be supplemented with an LED equivalent fixture option where available and that the non-LED fixtures be classified as non-standard and not replaced in kind upon failure. The default SC No. 5 and SC No. 8 area and street light fixture will be the available LED option.

### ***SC No. 5 – Area Lighting and SC No. 8 Street Lighting***

There are significant environmental benefits of LED lighting, and LED lighting makes an important contribution toward New York State clean energy goals. Central Hudson proposes with this filing to provide a more comprehensive LED lighting offering to all types of lighting fixtures under SC No. 5 – Area Lighting, and SC No. 8 – Street Lighting. The enhanced tariff will satisfy municipal, residential and non-residential customer demand for higher efficiency, lower cost LED lighting, and improve the tariff by offering an LED option for fixtures currently only available in higher wattage, less efficient, HPS and MH. The proposed filing will make LED fixtures available to all types of street and area lighting, including cobra head, specialty, post top, and decorative fixtures.

### **In summary, the filing proposes to add LED fixture options to SC No. 5 and SC No. 8 as follows:**

- 1) 86 Watt, HPS Colonial Post Top, replaced with 3000K, 14 Watt, LED.
- 2) 70 Watt, HPS; 175 Watt Metal Halide (MH); 85 Watt Induction, Acorn Decorative, replaced with a 3000K, 26 Watt, LED.
- 3) 250 Watt/400 Watt HPS; 250 Watt/400 Watt MH, Decorative Teardrop, replaced with a 3000K, 129 Watt/174 Watt, LED.
- 4) 175 Watt/250 Watt/400 Watt MH; 70 Watt HPS, Cutoff Rectangular, replaced with a 3000K, 87 Watt, LED.
- 5) 250 Watt/400 Watt HPS; 250 Watt/400 Watt MH, Highway Setback, replaced with a 3000K/4000K, 166 Watt/279 Watt, LED.
- 6) 400 Watt HPS; 400 Watt/1000 Watt MH Floodlight, replaced with a 3000K/4000K, 194 Watt/297 Watt, LED.

### ***SC No. 5 – Area Lighting***

In addition to the above fixtures which are all available in both SC No. 5 and SC No. 8 fixture options, the tariff filing proposes to also add to SC No. 5:

- 7) 70 Watt HPS, Open Globe/Barn Light, replaced with a 33 Watt, LED.

**Procedural**

Since customers interested in installing new area or street light fixtures will be in direct contact with the Company, the Company requests that the requirements of §66(12)(b) of Public Service Law as to newspaper publication be waived.

Inquiries for additional information regarding this filing may be directed to Darlene Clay at 845-486-5466 or dclay@cenhud.com.

Yours very truly,

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