



P.O. Box 840  
 Denver, Colorado 80201-0840

September 20, 2011

Advice No. 1593 - Electric

Public Utilities Commission  
 of the State Of Colorado  
 1560 Broadway, Suite 250  
 Denver, Colorado 80202

The accompanying tariff sheets issued by Public Service Company of Colorado are sent to you for filing in accordance with the requirements of the Public Utilities Law:

COLORADO P.U.C. NO. 7 - ELECTRIC

and the following sheets are attached:

<u>Colorado P.U.C. Sheet No.</u>	<u>Title of Sheet</u>	<u>Colorado P.U.C. Sheet No.</u>
Fifteenth Revised 3	Table of Contents	Fourteenth Revised 3
Twenty-second Revised 4	Table of Contents	Twenty-first Revised 4
Seventeenth Revised 15B	Reserved for Future Filing Index	Sixteenth Revised 15B
Twenty-third Revised 21	Rate Schedule Summation Sheet	Twenty-second Revised 21
First Revised 82	Metered Street Lighting Service	Original 82
Original 82A	Metered Street Lighting Service	- - -
First Revised 84	Energy Only Street Lighting Service	Original 84
Original 84A	Energy Only Street Lighting Service	- - -
Original 84B	Energy Only Street Lighting Service	- - -
Original 84C	Energy Only Street Lighting Service	- - -
Original 84D	Energy Only Street Lighting Service	- - -
Original 84E	Energy Only Street Lighting Service	- - -
Original 84F	Energy Only Street Lighting Service	- - -

Colorado PUC E-Filings System

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Sixth Revised	87A	Customer-Owned Lighting Service	Sub. Fifth Revised	87A
First Revised	87B	Customer-Owned Lighting Service	Original	87B
Original	87C	Customer-Owned Lighting Service	- - -	
Original	87D	Customer-Owned Lighting Service	- - -	
Seventh Revised	107C	Demand-Side Management Cost Adjustment	Sixth Revised	107C
Twentieth Revised	108D	Purchased Capacity Cost Adjustment	Nineteenth Revised	108D
Thirteenth Revised	109B	Transmission Cost Adjustment	Sub. Twelfth Revised	109B
Fourth Revised	R2	Rules and Regulations Index	Sub. Third Revised	R2
Fourth Revised	R74	Rules and Regulations	Third Revised	R74
Second Revised	R80	Rules and Regulations	Sub. First Revised	R80
Second Revised	R81	Street Lighting Rules and Regulations	Sub. First Revised	R81
Second Revised	R82	Street Lighting Rules and Regulations	Sub. First Revised	R82
Second Revised	R83	Street Lighting Rules and Regulations	Sub. First Revised	R83
Second Revised	R84	Street Lighting Rules and Regulations	First Revised	R84
Sixth Revised	R125	Street Lighting Rules and Regulations	Fifth Revised	R125

The principle proposed change is: to introduce two new electric services called Metered Street Lighting Service (Schedule MSL) and Energy Only Street Lighting Service (Schedule ESL) applicable to municipal, county, state, and federal entities for electric service at secondary voltage to customer-owned streetlights and in the Company's Colo. P.U.C. No. 7 - Electric tariff to be effective October 21, 2011.

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As a part of the Commission's Decision in the Company's latest Phase II electric rate case, Docket No. 09AL-299E, Decision No. C10-0286 at paragraph 165, the Commission stated "we encourage the parties to come back before the Commission with a more fully developed proposal wherein municipalities will own, operate and maintain street lighting facilities and Public Service will monitor the street lights to ensure it has accurate billing data and unauthorized energy use does not occur".

Subsequent to the Commission's final order in Docket No. 09AL-299E which was effective on May 19, 2010, the Company and interested municipalities have been attending meetings to resolve street lighting service issues.

As a result of these meetings the Company has developed two new proposed service tariffs: Schedule MSL and Schedule ESL. Schedule MSL is for metered electric service for customer-owned street lighting and Schedule ESL is for non-metered service for customer-owned street lighting within existing identifiable areas where the customer seeks to have the street lighting facilities converted from Company-owned to customer-owned facilities. These new schedules are applicable to municipal, county, state, and federal entities for single-phase service at secondary voltage to customer-owned street lighting facilities. These proposed new schedules provide customers with the flexibility to install, own, operate and maintain the customer's street lighting using any lighting type or size, including new technologies involving induction lighting or light emitting diode (LED) lighting.

Under Schedule MSL, the Company will provide electric power and energy at single-phase secondary voltage to street lighting through a single meter that normally serves several lights. The customer will install, own, operate and maintain all the street lighting facilities including the lighting conductor on the customer's side of the meter. The rates for Schedule MSL were designed specifically to recover the cost of energy and metering associated with single-phase secondary voltage service to street lighting loads as distinguished from other secondary loads. The Energy Charge is \$0.04516 per kilowatt-hour (kWh), which is the same rate that recovers capacity and energy costs included in all the Company's area and street lighting schedules. The Service and Facility Charge is \$4.69 per month and is designed using the Company's costs for a single-phase watt-hour meter. The base rates for Schedule MSL are based upon the applicable components of the Company's electric cost of service and rate design as approved by the Commission in Decision No. C10-0286 in Docket No. 09AL-299E.

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Under Schedule ESL, the Company will provide electric power and energy at single-phase secondary voltage to street lighting on a non-metered basis. Eligibility for service under Schedule ESL is limited to existing street lights located within an Identifiable Area as such area is defined in the Company's rules and regulations governing street lighting service so long as the existing lights were served prior to the effective date of the new tariff under another non-metered lighting schedule available to Colorado governmental entities. The schedule is also available to newly installed Customer-owned Lighting Facilities located within the same Identifiable Area. Under Schedule ESL, the customer will own, operate and maintain all the street lighting facilities including the lighting conductor on the customer's side of the point of delivery.

The rates for Schedule ESL were designed specifically to recover the cost of energy to street lighting loads as distinguished from other secondary loads. The rates are designed based upon a nominal monthly usage times \$0.04516 per kWh which again is the same rate for capacity and energy costs included in all the Company's area and street lighting schedules. The nominal monthly usages are the billing kilowatt-hours and range from 1.5 kWh to 172.5 kWh and are set in 3 kWh increments. Each nominal monthly usage is expanded to a bandwidth of 1.5 kWh above and 1.5 kWh below such that each monthly rate includes a bandwidth of 3 kWh within which the customer-owned lighting facility will be assigned and billed. To accomplish billing for service under Schedule ESL, the Company will assign each customer-owned light to the appropriate bandwidth based on the light manufacturer's energy usage information as provided by the customer.

The Schedule ESL rate design also includes the estimated cost for the Company to monitor the lighting facilities to ensure that the type and sizes of lights reported by the customer and used by the Company for billing purposes are consistent with what is installed in the field.

The proposed Schedules MSL and ESL are in addition to other schedules applicable to street lighting service and provide customers with a matrix of street lighting options as follows:

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Schedule	Lighting Facilities Ownership	Type and Size Options	Operation Control	Metered or Non-metered	Comparable Monthly Rate*
Schedule SL	Company	Company	Company	Non-metered	\$ 20.73
Schedule COL	<b>Customer</b>	Company	Company	Non-metered	\$ 9.82
Schedule ESL	<b>Customer</b>	<b>Customer</b>	<b>Customer</b>	Non-metered	\$ 9.41
Schedule MSL	<b>Customer</b>	<b>Customer</b>	<b>Customer</b>	Metered	\$ 9.70

\* Estimated monthly bill amount on a per light basis for a 250-watt high pressure sodium lamp, based on currently effective base rates with all adjustments and assuming, in the case of Schedule MSL that there are ten lamps served by a single meter.

The effect of this filing on the Company's annual revenue cannot be determined because it will be dependant upon the number of lights and meters that customers elect to be served under Schedules MSL and ESL.

The tariffs filed herewith reflect the results of negotiations between the Company and interested municipalities. It is the Company's hope that the municipalities with whom it has been working will ultimately support the tariff filings that accompany this advice letter. However, even if the tariffs filed herewith do not resolve all the disputed issues between the parties, the parties have been successful in narrowing the issues in dispute. In accordance with Commission Decision No. C11-0936, interested municipalities will be filing comments within the next twenty (20) days identifying any issues that may remain in dispute.

It is desired that the changed tariffs accompanying this advice letter become effective October 21, 2011. Customers of the Company will be notified of this filing by first class U.S. Mail, to all municipalities, counties and state customers.

Please send copies of all notices, pleadings, correspondence, and other documents regarding this filing to:

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Enclosure