

REQUEST TO ESTABLISH DOCKET

(Please type or print. File original *plus* 1 copy with CLK.)

Date:	9/22/2011	Docket No.:	110279-EM
1. From Division / Staff:		Ecr/ A. Roberts	
2. OPR:	ECR / A. Roberts		
3. OCR:	RAD / Walter Clemence		
4. Suggested Docket Title:		Orlando Utilities Commission Request For New Electric Vehicle Charging Station	
5. Program/Module/Submodule Assignment:		Rate Structure Activity/Tariffs	
6. Suggested Docket Mail List.			
a. Provide NAMES/ACRONYMS, if registered company.			<input type="checkbox"/> Provided as an Attachment
Company Code, if applicable:	Parties (include address, if different from MCD):	Representatives (name and address):	
EM874	Orlando Utilities Commission (OUC)	Lawrence Strawn 100 West Anderson Street Orlando, FL 32801	
EM874	Orlando Utilities Commission (OUC)	Randy Halley 100 West Anderson Street, Orlando, FL 32801	
b. Provide COMPLETE NAME AND ADDRESS for all others. (match representatives to companies)			
Company Code, if applicable:	Interested persons, if any, (include address, if different from MCD):	Representatives (name and address):	
7. Check one:	<input type="checkbox"/> Supporting Documentation Attached		<input type="checkbox"/> To be provided with Recommendation
Comments:			

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DOCUMENT NUMBER - DATE
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 FPSC - COMMISSION CLERK



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September 20, 2011

Ms. Connie Kummer
Chief of Certification & Tariffs
Florida Public Service Commission
Bureau of Electric Regulation
Division of Electric and Gas
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Dear Ms. Kummer:

Under submittal letter dated September 16, 2011, new electric tariff sheet number 5.220 was submitted for the Orlando Utilities Commission ("OUC") and sheet number 7.220 for the City of St. Cloud. While putting together documentation for OUC's files, two typos were noticed on the submitted tariff sheets. Please replace the five copies in final form sent under the submittal letter with the enclosed five copies in final form of the corrected tariff sheets.

Thank you,

Lawrence M. Strawn
Financial Modeling Coordinator

enclosure

FLORIDA PUBLIC SERVICE
COMMISSION
ECONOMIC REGULATION
11 SEP 23 AM 6:45

11 SEP 23 AM 8:18

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11 30 2011 11 3 33

September 16, 2011

Ms. Connie Kummer
Chief of Economics Finance and Rates
Florida Public Service Commission
Bureau of Electric Regulation
Division of Electric and Gas
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Dear Ms. Kummer:

The Orlando Utilities Commission ("OUC") is submitting a proposed new electric tariff for electric vehicle (EV) charging stations. Support materials used to generate the rates and charges have been included for review and approval by the Florida Public Service Commission ("FPSC"). The proposed tariff will be presented to the Orlando Utilities Commission board for their adoption on October 11, 2011. The new tariff will be applied on all applicable bills starting November 1, 2011 and thereafter pending FPSC approval

OUC was awarded a matching grant from the US DOE to cover the material cost of charging stations. OUC is responsible for installing the EV charging stations. The usage characteristics are expected to be similar to those of a GSND customer. To fully recover its projected costs, including applicable taxes, OUC proposes to charge a flat rate per charging session in the amount of \$2.25 (see Table 1).

OUC is also submitting a new electric rate schedule tariff for electric vehicle (EV) charging station service in the City of St. Cloud. In accordance with the inter-local agreement between OUC and the City, the City's rate offering is OUC's rate plus a 4% adder. If approved by the FPSC, the new charge and rate would become effective at the same time as OUC's new tariff, November 1, 2011.

I have enclosed five copies of the revised tariffs in final form and one copy in legislative form. If you have any questions, please contact me at 407-434-2187.

Sincerely,

Lawrence M. Strawn
Financial Modeling Coordinator

cc: Mr. K. P. Ksionek
Mr. B.A. Knibbs
Mr. J. E. Hearn
Mr. T. Hurt

COMMISSION OF REGULATION

SEP 27 11 06 AM

REGISTRATION UNIT

**Orlando Utilities Commission
Electric Vehicle Charge Station Rate
September 2011**

Table 1

Line #	Calculation	7-Year Costs		Total
		A	B	
1	Cost to Install 185 Charging Stations	\$ 463,636		
	Ongoing Costs			
2	License and software upgrades	71,773		
3	Charging Station Maintenance	28,512		
4	Total Ongoing Costs	Line 2 + Line 3 100,285		
	Energy Charge ¹			
5	Base Charge		7.252¢	
6	Fuel Charge		4.484	
7	Total Energy Charge	Line 5 + Line 6	11.736	
8	Subtotal Before Taxes	Line 1 + Line 4 + Line 7	563,921	11.736
	Taxes			
9	Gross Receipts Tax	Line 8 x 2.5625%	14,450	0.301
	Municipal / County Utility Tax			
10	Non-Fuel	(Line 8 + Line 9) x 10%	57,837	0.755
11	Fuel ²	0.638 x 10%		0.064
12	State Sales Tax on Electricity	(Line 8 + Line 9) x 7%	40,486	0.843
13	Local Discretionary Tax	(Line 8 + Line 9) x 0.5%	2,892	0.060
14	Total Taxes	Σ Lines 9 to 13	115,665	2.023
	Coulomb Fees ³			
15	Session Authorization Fee		663,426	
16	Session Processing Fee		160,659	1.032
17	Total Coulomb Fees	Line 15 + Line 16	824,085	1.032
18	Total Costs	Line 8 + Line 14 + Line 17	\$ 1,503,671	14.791¢
	Forecast			
19	Number of Charging Sessions ⁴		866,867	
20	kWh / Charging Session			3.5
21	Total Forecast		866,867	3.5
22	Cost per Charging Session	Line 18 / Line 21	\$ 1.73	\$ 0.52 \$ 2.25

(1) General Service Non-Demand, effective March 1, 2009

(2) Fuel taxed on first 0.638 ¢ / kWh

(3) OUC has contracted with Coulomb to perform customer service for the charging stations which includes accepting / processing customer payments and maintaining an internet portal showing where the available charging stations are located.

(4) Forecast based on the number of electric vehicles in OUC service territory growing from approximately 300 to 7,500 over the 7-year period and 20% using the charging stations 5 days per week.



EV

ELECTRIC VEHICLE CHARGING STATION SERVICE RATE SCHEDULE

Availability:

Available throughout OUC's service territory at OUC owned public electric charging station locations.

Applicability:

To any customer charging an electric vehicle at an OUC owned Electric Vehicle Charging Station.

Rate:

\$2.25 per Charging Session

Minimum Bill:

\$2.25 per Charging Session

Miscellaneous:

- 1) Charging Session is defined as the period between when charging an electric vehicle is initiated and terminated.
- 2) Payment can be processed through the customer's credit or debit card.
- 3) Customers who subscribe to ChargePoint services online can process payment using their issued pre-paid RFID Card.



INDEX RATE SCHEDULES

<u>Schedule</u>	<u>Description</u>	<u>Sheet No.</u>
FC	Fuel Charge	5.010
RS	Residential	5.100
GS	General Service – Non-Demand	5.200
WI	Wireless Internet Electric Service	5.210-5.211
<u>EV</u>	<u>Electric Vehicle Charging Station Service</u>	<u>5.220</u>
GSD-SEC	General Service Demand Secondary	5.300-5.301
GSD-SEC-T	General Service Demand Secondary - Time of Day	5.310-5.311
GSD-PRI	General Service Demand Primary	5.400-5.401
SL	Street Light Service	5.500-5.503
	Terms of Payment	5.600
SS	Standby Service	5.700-5.702
GSD-CR	General Service Demand - Curtailable Rider	5.800-5.801
PV-CR	Pilot Solar Photovoltaic Credit Program Rider	5.810
TH-CR	Pilot Solar Thermal Credit Program Rider	5.820
TMR	Totalized Metering Rider	5.900
RE	Renewable Energy Pilot Program Rider	5.910



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