

**CITY OF LOGAN, UTAH
RESOLUTION 15-61**

**A RESOLUTION ADOPTING A LOGAN LIGHT & POWER
ELECTRIC VEHICLE CHARGING STATION RATE SCHEDULE**

WHEREAS, it is predicted that Utah will see more than 20,000 electric vehicles on the market in the next 20 years; and

WHEREAS, Logan City recognizes that electric vehicles are beneficial to air quality in Cache County; and

WHEREAS, Light and Power has purchased and will install a Charge Point electric vehicle charging station in downtown Logan ; and

WHEREAS, Logan City Light & Power Department will be charged for the electricity used at this charging station along with a network fee of \$280 annually

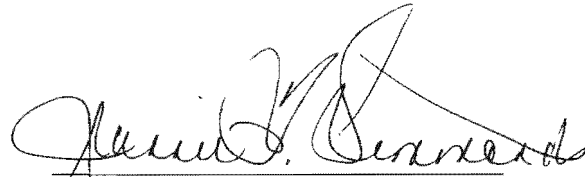
NOW THEREFORE, BE IT RESOLVED BY THE LOGAN MUNICIPAL COUNCIL that the attached electric vehicle charging station rate schedule be adopted effective January 6, 2016.

THIS RESOLUTION duly adopted upon this 5 day of January, 2016 by the following vote:

Ayes: *Needham, Allen, Simmonds, Daines, Jensen*

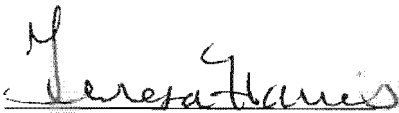
Nays: *none*

Absent: *none*



Jeannie F. Simmonds, Chairman

ATTEST:



Teresa Harris, City Recorder

2260

EFFECTIVE DATE: January 6, 2016

AVAILABILITY:

At any point on the City's interconnected system where the City installs and operates an electric vehicle charging station that is open and available to the public.

APPLICATION:

This schedule is for charging customers who park at, and utilize any electric vehicle charging station owned and operated by Logan City Corporation.

The customer shall adhere to all service and billing requirements.

CUSTOMER SERVICE CHARGE:

Not applicable at present

Connection Fee:

\$1.00

ENERGY RATE:

1st Hour: Free

Next Four (4) Hours: \$1.00/hour

All additional Hours: \$3.00/hour

SEASONAL SERVICE:

This schedule is not available as a seasonal service.

FORCE MAJEURE:

Neither the City nor Customer shall be subject to any liability or damages due to the inability of the City to serve the Customer's load due to lack of available power and energy or other conditions beyond the City's control. In the event of natural disasters or acts of God such as earthquakes, floods, or severe storms, neither party shall be liable for damages due to lack of ability for operations which affect the other party economically. Should any of the foregoing occur, the minimum billing demands that would otherwise be applicable under this Schedule shall be waived and Customer will have no liability for service charges until such time as Customer is reasonably able to resume service.

Rate Structure Analysis for City-owned, publicly available Level 2 Charging Stations

No Equipment Recovery Scenario (Electricity + Other Variable Costs)	Zero charges per day		1 charge per day		2 charges per day		3 charges per day		4 charges per day	
	Monthly	Annual	Monthly	Annual	Monthly	Annual	Monthly	Annual	Monthly	Annual
Charge Point Service Fee	\$23.33	\$280.00	\$23.33	\$280.00	\$23.33	\$280.00	\$23.33	\$280.00	\$23.33	\$280.00
Equipment & Replacement Install Cost Recovery	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Maintenance (\$0.50 / day est.)	\$15.00	\$180.00	\$15.00	\$180.00	\$15.00	\$180.00	\$15.00	\$180.00	\$15.00	\$180.00
Electricity (kWh charge)			\$27.38	\$328.50	\$54.75	\$657.00	\$82.13	\$985.50	\$109.50	\$1,314.00
Electricity (Peak kW & service charge)										
Total	\$38.33	\$460.00	\$65.71	\$788.50	\$93.08	\$1,117.00	\$120.46	\$1,445.50	\$147.83	\$1,774.00
Per session cost (18 kWh charge)	n/a		\$2.16		\$1.53		\$1.32		\$1.22	
Price per kWh	n/a		\$0.12		\$0.09		\$0.07		\$0.07	
ELECTRICITY ONLY: Per session cost (18 kWh charge)	n/a		\$0.90		\$0.90		\$0.90		\$0.90	
ELECTRICITY ONLY: Price per kWh	n/a		\$0.05		\$0.05		\$0.05		\$0.05	

*TurboDock Keeps .10% of the fees

Assumptions:

1. Each charge consumes 18 kWh of electricity
2. Annual routine maintenance (\$0.50 / day): \$180

EV Battery Sizes (kWh)		Average for EVs 37.4 kWh
Tesla S (Full EV, Larger Battery)	85	
Tesla S (Full EV, Smaller Battery)	60	
Toyota RAV4 (Full EV)	41.8	
Nissan LEAF (Full EV)	24	
Fiat 500e (Full EV)	24	
Ford Focus (Full EV)	23	
Chevy Spark (Full EV)	21	
Honda FIT (Full EV)	20	
Chevy Volt (Gasoline Back-up)	16.5	
Toyota Prius Plug-in Hybrid (Gasoline Back-up)	4.4	

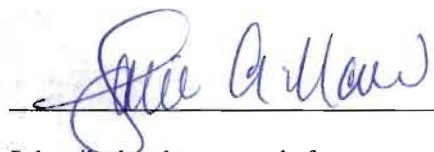
Rates	
Customer Service	\$0
All kW over 15	No kW charges
kWh	\$.05 / kWh
I assumed wholesale rate.	

Civil
PROOF OF PUBLICATION

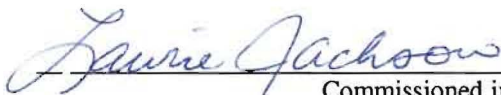
STATE OF UTAH
COUNTY OF CACHE, ss

On this 16th day of December , A.D. 2015 personally appeared before me JAIME MAW who being first being duly sworn, deposes and says that (s)he is the Principal Legal Clerk of the Cache Valley Publishing Co., publishers of The Herald Journal a daily newspaper published in Logan City, Cache County Utah, and that the Legal Notice, a copy of which is hereto attached was published in said newspaper for 1 issue(s) and that said notice also published on utahlegals.com on the same days(s) as publication in said newspaper

Commencing on the following days:
12/13/2015

 _____, Principal Legal Clerk

Subscribed and sworn to before me on this 16th day of December , A.D. 2015

 _____, Notary Public
Commissioned in the State of Utah
My Commission expires 10/18/2019

