

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

Office of the Provost and Vice Chancellor
for Academic Affairs
Swanlund Administration Building
601 East John Street
Champaign, IL 61820



February 2, 2018

Electric Vehicle Charging Task Force

Scott Willenbrock, Chair
Michelle Wahl, Parking
Morgan White, Sustainability, Facilities and Services
Paul Foote, Facilities and Services
Peter Varney, Transportation and Automotive Services, Facilities and Services
Rob Fritz, Beckman Institute
Ben McCall, Chemistry
Yanfeng Ouyang, Civil and Environmental Engineering
Philip Krein, Electrical and Computer Engineering
Scott Greene, Undergraduate Student

Dear Colleagues:

The university has an interest in supporting the use of electric vehicles. Electric vehicles emit no local pollution and are quieter than conventional cars, so their use on campus improves air quality and reduces noise pollution. Their use also contributes to achieving the goals of the Illinois Climate Action Plan, as their greenhouse gas emissions are less than that of conventional cars. This advantage will become even greater as the regional electrical grid becomes less carbon intensive.

Electric vehicle (EV) sales have continued to grow in the US, and many automakers have announced plans to bring new pure-electric and plug-in hybrid vehicles to market. Given the anticipated growth in electric vehicle sales, I am charging this Task Force to make recommendations on what steps the university should take, both now and in the future, to make EV charging available to commuters.

The specific tasks are as follows:

1. Survey the campus EV community to help determine what EV charging infrastructure would be the most useful and cost effective.
2. Review the existing EV charging infrastructure and rate structure and recommend changes that should be made immediately, near the beginning of FY 2019.
3. Make recommendations on what investments the University should make to support EV charging over the next five years.
4. Estimate costs and develop a funding model for those investments.
5. Develop a plan to allow ongoing monitoring of the use of the EV charging infrastructure.

Please provide a written report to me no later than May 30, 2018.

Sincerely,



Andreas C. Cangellaris
Vice Chancellor for Academic Affairs and Provost