
**STOCKTON UNIVERSITY
ANNUAL REPORT FOR
2020 INITIATIVES PROJECT**

PROJECT LEADER(S):	Alice Gitchell/Michael Ferraro
PROJECT TITLE:	Electric Vehicle Charging Stations
DATE:	2/27/20
CC:	

- *The boxes below expand as needed to accommodate your notes. You may also include/submit appendices or attachments, if needed.*
- *Email a copy of this completed form to Jessica Kay, Senior Planning Analyst at: 2020@stockton.edu or Jessica.Kay@stockton.edu.*

Please provide a summary of the project and your experience.

The Division of Facilities & Operations purchased four AeroVironment TurboDock dual-head Level 2 Electric Vehicle Charge Stations in February 2018. The initial plan was to install three units in Lot 6 and one in the Pay Lot by N-Wing. After receiving the stations, a decision was made by the Parking Committee to turn Lot 6 into an additional pay lot. This led to the need to consider new locations outside of the pay wall to site the stations. Facilities & Operations then explored placing the stations in Lot 8c as part of the Pomona Road Parking Lot Expansion project of the Summer 2018, but the contractor wanted too much to install the necessary underground wiring in that location.

After a study of more cost effective potential locations, Facilities & Operations staff chose eight parking spaces in Lot 1 by the Geothermal Manifold House to place all four units due to the easy access to available power and ease of installation in a grassy area with no need for follow-up asphalt work. This location had the added bonuses of high visibility and preferred parking as a reward for Stockton drivers' efforts to mitigate the environmental impact of fossil fuels.

Facilities & Operations donated time and materials for concrete bases, bollards, parking lot striping/stenciling and signage to this project.

Please attach a copy of your original proposal or list your stated objectives and expected outcomes.

Attached

Please describe the results of your project and compare them to your original expectations. Elaborate on how well your objectives were met and how they might have changed. Note any particular obstacles that may have prevented your achieving full satisfaction on desired outcomes.

Electric vehicle charge stations have been well received and regularly see daily usage over 60% of capacity with some days peaking at 100% capacity.

Estimated annual greenhouse gas reduction of .12 MTCO2 equivalent.

Unfortunately, unable to receive New Jersey Workplace Charging Grant due to changes in program eligibility requirements.

In discussion to locate additional electric vehicle charge stations in various sites around campus to further promote sustainable transportation infrastructure in accordance with the State of New Jersey 2020 Energy Master Plan.

Please list any follow-up actions (publications, presentation venues, etc.)

Information published to Facilities and Operations Energy and Sustainability Transportation website.

Information published to Stockton University's Facebook social media site.

Used to demonstrate alternative energy transportation technologies in use on Stockton's Campus in presentation to GNM 2281 Science of Alternative Energy during Fall 2019 semester.

Promoted in presentations at Atlantic City Utility Authorities' 2019 Drive Electric Week event to highlight Stockton University's commitment to sustainability.

Are you recommending the continuation of this project? If so:

- **What are the next action steps you foresee or recommend?**
- **What are the expected budget requirements going forward?**
- **Please identify the program, department, or division you should be working with to secure continuation of funding for your project.**

[Note: continuation proposals must be approved and incorporated into the appropriate budget process. This report will not constitute a request for permanent funding.]

Not recommending continuation of this project

FINANCES: Based on your proposal, please outline below how the award has been spent.		
	Amount	Notes/Comments
Beginning Budget Balance as of: 1/18/18	\$ 39,678.00	
Salary Expenditures		
• Stipends	\$	
• Full-time staff salaries	\$	
• Full-time faculty salaries	\$	
• TES salaries	\$	
• Fringe Benefits	\$	
Total Salary and Fringe Expenditures	\$	
Non-Salary Expenditures (<i>supplies, travel, etc.</i>)		
• TurboDock EV charging stations	\$ 10,739.68	Purchased and received February, 2018
• Contractor site work/installation	\$ 16,641.00	Calvi Electric - Trenching, wiring, equipment installation
• Materials	\$ 1,550.68	Transformer, disconnect and high voltage circuit breaker
•	\$	
•	\$	
•	\$	
Total Non-Salary Expenditures	\$ 32,623.36	
Total Salary + Non-Salary Expenditures	\$ 32,623.36	
Ending Budget Balance as of: 6/30/19	\$ 7,054.64	Returned

If there are remaining expenditures required to complete the project, and your project was approved for multiple fiscal years, please itemize them with expected amounts and timing for payment.

IMPORTANT: *Unused funds reverted to the general 2020 Initiative Fund at the end of the fiscal year 2019, if not approved and encumbered for project costs in the next FY.*

Item	Expected Amount	Expected Timing for Payment
NO REMAINING EXPENDITURES		
Total	0.00	