

**PERALTA COMMUNITY COLLEGE DISTRICT
Board of Trustees Agenda Report
For the Trustee Meeting Date of March 11, 2014**

ITEM TITLE:

Consider Approval to Enter into an Agreement with NRG eVgo to Install Slow (Dedicated) Electric Vehicle Charging Stations at Laney College, District Administrative Complex, Merritt College, and the College of Alameda.

SPECIFIC BOARD ACTION REQUESTED:

Approval is requested to enter into an agreement with NRG eVgo to install slow (dedicated) electric vehicle charging stations at Laney College, District Administrative Complex, Merritt College and the College of Alameda, in the amount not-to-exceed \$32,000.

ITEM SUMMARY:

The total cost to install all of the slow chargers is \$148,946. This amount covers installation, supplies, and equipment. NRG eVgo will pay \$117,000. The District will pay the balance of \$31,946. NRG is subsidizing the cost of electric vehicle charging stations, under a legal settlement with the State of California. The District was introduced to NRG eVgo by the Community Colleges League of California (League). The League is partnering with NRG eVgo to promote charging stations at all community colleges. The subsidized stations will be installed on campuses where electricity is provided by investor-owned utilities. Use of the slow chargers is limited to persons that the District identifies as its personnel. NRG eVgo will administer the charging program (e.g., marketing, accounting, collections, equipment maintenance and service, and customer service). Users will pay a monthly subscription fee of \$29.95, which NRG eVgo will keep and use to offset the program administration costs. Users will also pay a charging fee of \$0.50 to \$1.00 per hour, depending on the capacity of the battery.

Location	Number of Charging Stations	Total Construction and Equipment Cost	Total Construction Cost to the District	Construction & Equipment Cost Investment by NRG eVgo
Laney College	10	\$44,282	\$5,282	\$39,000
Merritt College	10	\$45,205	\$6,205	\$39,000
District Administrative Complex	10	\$44,484	\$5,484	\$39,000
College of Alameda	0	\$14,975	\$14,975	\$0.00
	TOTAL:	\$148,946	\$31,946	\$117,000

The District must take advantage of these offers because EV charging stations are currently taking off in California, since the CEC and Governor Brown endorsed the program. Having electrical charging stations will qualify the District to receive three (3) Leadership in Energy and Environmental Design (LEED) points for new construction and 3-15 points for existing structures. These LEED points will help the District to meet the California environmental and energy conservation laws and regulations. Finally, this program will help the District to meet its mandate to meet greenhouse emissions.

NRG eVgo is part of [NRG Energy Inc.](#); Arun Banskota is the president of the company, whereas, Kevin Kelleher is the account representative in California. The Chancellor recommends approval.

SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):

District Solar Energy Credit from California Solar Initiative

BACKGROUND/ANALYSIS:

NRG eVgo is authorized to install slow charging stations under a master agreement for the statewide Electric Vehicle (EV) Program for 112 California Community Colleges, which was established by the Community College League of California (League). This program qualifies as an “energy conservation” project. Therefore, as an exception to competitive bid and in accordance with the California Government Code, Section 4217.12, the District may enter into this agreement for “energy conservation facility.” This code permits the District to enter into an energy service contract and any necessarily related facility ground lease on terms that its governing body determines are in the best interests of the public agency. A determination is made at a regularly scheduled public hearing, and public notice is given at least two weeks in advance, and if the governing body finds:

“That the anticipated cost to the public agency for... conservation services provided by the energy conservation facility under the contract will be less than the anticipated marginal cost to the public agency of thermal, electrical, or other energy that would have been consumed by the public agency in the absence of those purchases.”

The District’s governing body must determine that the benefits exceed the marginal costs of the services. In this case, the District will pay a one-time cost of \$31,976, for projected energy savings proceeds of \$52,500, over a five-year period from the fast chargers provided by Green Charge Networks.

A Notice of Public hearing was posted giving notice of the intention to enter into an energy services contract, in compliance with the Government Code Section 4217.12. Public comment will be heard at the regular Board of Trustees meeting scheduled for March 11, 2014. On February 7, 2014, the proposal from NRG eVgo and GCN went through the shared governance process at the PBIM Facilities Committee meeting. The Facilities Committee recommended that the administration move forward with this project.

DELIVERABLES AND SCOPE OF WORK:

As described in the Item Summary, the deliverables and scope of work for the Ready for Electrical Vehicle Program include the infrastructure, charging equipment, operations and maintenance, and program management.

ANTICIPATED COMPLETION DATE:

The anticipated completion date of these projects is May 23, 2014.

ALTERNATIVES/OPTIONS:

Not applicable

EVALUATION AND RECOMMENDED ACTION:

Approval is recommended to enter an agreement with NRG eVgo for the installation of electric vehicle charging stations at Laney College, the District Administrative Complex, Merritt College, and the College of Alameda.

OTHER DEPARTMENTS IMPACTED BY THIS ACTION (E.G. INFORMATION TECHNOLOGY):

YES _____ NO X

COMMENTS: Not applicable

WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING? Vice Chancellor Ikharo

(*****Board contract approval is subject to negotiation and execution by the Chancellor.)

DOCUMENT PREPARED BY:

Prepared by: Dr. Sadiq B. Ikharo
Vice Chancellor of General Services

Date: February 26, 2014

DOCUMENT PRESENTED AND APPROVED BY:

Presented and approved by: Dr. Sadiq B. Ikharo
Vice Chancellor of General Services

Date: February 26, 2014

FINANCE DEPARTMENT REVIEW

Finance review required Finance review *not* required

If Finance review is required, determination is: Approved Not Approved

If not approved, please give reason: _____

Signature: Susan Rinne
Susan Rinne, Interim Vice Chancellor for Finance and Administration

GENERAL COUNSEL (Legality and Format/adherence to Education Codes):

Legal review required Legal review *not* required

If Legal review is required, determination is: Approved Not Approved

Signature: Thuy Thi Nguyen
Thuy Thi Nguyen, General Counsel

CHANCELLOR'S OFFICE APPROVAL

Approved, and Place on Agenda Not Approved, but Place on
Agenda

Signature: José M. Ortiz
Dr. José M. Ortiz, Chancellor



COMMUNITY COLLEGE LEAGUE
OF CALIFORNIA
www.ccleague.org

"The League is proud to support an initiative that provides opportunities for colleges to remain at the forefront of pursuing a more energy efficient community college system and to help create more sustainable and healthy communities."

Scott Lay - *President and CEO, Community College League of California.*

The Community College League of California supports this Electric Vehicle Charging Initiative.

Ready For Electric Vehicle (REV) Program for California Community Colleges Faculty and Staff.

NRG eVgo in conjunction with the California League of Community Colleges is offering a dedicated electric vehicle charging station at your college for only \$29.95 plus electricity used in charging. In addition, Nissan is offering a fantastic deal of a lease Nissan Leaf at \$155 (plus tax) per month with down payment of \$1,845 taxes and DMV fees. The future of clean transportation is here, and it's affordable. Welcome to life in the HOV lane.

What NRG eVgo means for you, the faculty and staff:

- ✓ No upfront costs for equipment or installation.
- ✓ Access to eVgo's Freedom Station network, for charging on-the-go.
- ✓ A dedicated charger, ensuring access and eliminating overcrowding.
- ✓ Affordable, simple flat-rate charging plans.
- ✓ No risk of equipment technology obsolescence.
- ✓ Customer support 24 hours per day, 365 days per year.

What NRG eVgo, Nissan and the League are offering:

- ✓ Range Security to know you can get where you want to go.
- ✓ A very affordable zero emission Leaf
- ✓ An opportunity to demonstrate your commitment to sustainability.
- ✓ A charger dedicated to you - always there and ready for you.
- ✓ Optional access to a statewide network of DC Freedom Stations.
- ✓ An opportunity to educate a diverse workforce to succeed in a growing industry in the 21st Century economy.

Want to learn more?

Please contact Kimi Shigetani, kimi@ccleague.org or Elaine Reodica, ereodica@ccleague.org with Community College League of California. For technical questions please call Kevin Kelleher with NRG eVgo at **310-927-9037**. We would be happy to discuss our unique solutions and charging options for your college.



NRG eVgo is here to stay. We are building a first-of-its-kind ecosystem of residential, workplace, and public charging stations united by affordable, simple charging plans. We are part of NRG Energy, a company at the forefront of developing cleaner energy solutions and a sustainable world. Follow us on twitter [@nrgevgo](https://twitter.com/nrgevgo).

The Freedom Network

- Freedom Stations are located along major freeways & highways for easy access, strong security, and retail engagement
- Each station consists of a Level 3 “DC” Fast Charger, a Level 2 charger, an expansion bay, and a customer service tower
- Stations are owned, operated, supported and supplied by eVgo
- Stations are conveniently displayed in navigation systems and smart phone applications



Range Security



COMMUNITY COLLEGE LEAGUE OF CALIFORNIA

Community College League of California – NRG eVgo Frequently Asked Questions

1. How did this program get started?

In 2012, NRG Energy and the California Public Utilities Commission finalized a settlement enabling the company to put \$40 million towards the installation of electric vehicle charging infrastructure across the state at multi-family, workplace and public sector sites. NRG eVgo provides installation services to property owners as well as charging services to drivers of electric vehicles.

The League became involved when the Chancellor's Office asked us to meet with representatives from NRG eVgo to discuss how to best approach the colleges. Realizing that the potential to increase the infrastructure at the colleges at a greatly reduced cost was a win for the colleges, the League has agreed to partner with NRG eVgo in order to advertise this opportunity to the colleges.

2. Why was NRG selected?

In addition to the unique position of having access to the settlement funds to help defray the cost for the colleges, NRG eVgo offers the colleges additional benefits that will be of use for both maintenance and future use. They include:

- A truly turnkey solution, encompassing hardware, network access, installation and ongoing service.
- Revenue sharing with the colleges based on charger usage.
- No under-utilized EV parking spaces, since unused spaces will simply be open for general use.
- A one-of-a-kind EV network provider backed by a Fortune 300 energy company.
- A deployment and service model that is easily scalable to additional facilities and campuses.
- Simple, clear pricing plans to employees that can be integrated with home and public charging networks.
- For a monthly subscription charge of \$29.95, chargers are dedicated to each faculty/staff member assuring those with longer commutes to get the optimal use of their electric vehicles while eliminating the need of facilities to manage charger use.
- Best-in-class customer service via our 24/365 call center and local service partners.



3. How many stations can each college install?

Each college can install electric infrastructure for up to 10 stations per site with multiple locations per campus. Each site can access up to \$20,000 worth of settlement funds to offset the total cost of the installation project. On average, the electric infrastructure for each parking space costs between \$2,000 and \$4,500 to install, depending on the location of the space. When a faculty/staff member subscribes, NRG eVgo will install the actual charging station for the subscriber at no additional cost.

4. What is the process and how long will it take?

Representatives from NRG eVgo will do an onsite assessment of the space that the college would like the charging stations placed. They will issue a quote for the entire project, and once the quote is approved, can begin work. Depending on the location of the stations, the total project time can be as short as 6 to 8 weeks after the contract is executed.

5. Who is responsible for the maintenance of the stations?

Operations and Maintenance: NRG eVgo will own, operate, maintain and service the EV charging equipment at no cost to the California Community Colleges. NRG eVgo will have the exclusive right to use the installed infrastructure for potential subscribers for a period of 18 months from the date of installation.

Revenue Share: NRG eVgo will pay to the California Community Colleges 100% of the variable portion of charges set forth in each subscriber's agreement. This amount is subject to change but will not be less than the amount set forth below.

- \$0.50 per hour for cars charging at 3.3kW/hour
- \$1.00 per hour for cars charging at 6.6kW/hour

Administration: NRG eVgo will contract directly with employees, and will provide 24/365 customer service directly. The California Community Colleges will not be required to administer authentication privileges, pricing, or coordinate with employees on service plans or EV charger installation.

6. Are there other benefits available?

Faculty and staff can optionally upgrade their subscriptions to gain unlimited use of the fast-growing network of Freedom Stations being deployed throughout the state. These stations can provide an 80% charge in 30 minutes to an electric vehicle with DC fast-charging capabilities.

NRG eVgo has also partnered with Nissan North America to offer college employees a greatly discounted lease on the Nissan LEAF.



7. What other background information is available in regards to statewide sustainability efforts?

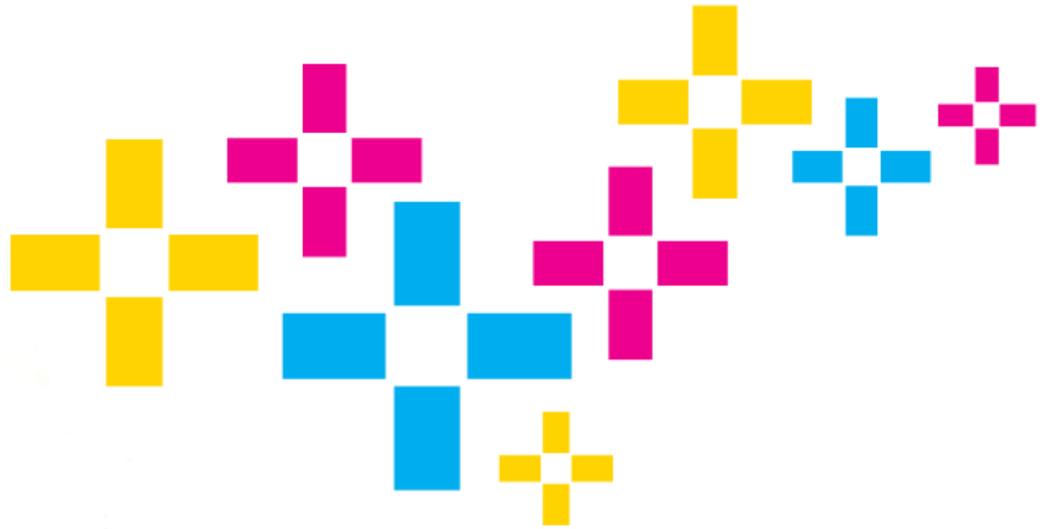
CCC Board of Governor Energy & Sustainability Policy — aimed at reducing energy consumption and reducing GHG emissions

http://extranet.cccco.edu/Portals/1/CFFP/Sustainability/BOG_Energy_Sustainability_Policy_FINAL.pdf

Sustainability Template Files — Transportation Section specifies in Section 7.6.2.2.7 that the need to provide Electric Vehicle Charging stations is high. Electric vehicle charging stations should be installed in premium parking locations at the campus. Modern charging stations system can also become a revenue source for the campus by charging fees to users.

<http://extranet.cccco.edu/Divisions/FinanceFacilities/Sustainability/CCCSustainabilityPlanTemplateFiles.aspx>

For more information – please contact Kimi Shigetani at kimi@ccleague.org or Elaine Reodica at ereodica@ccleague.org.



Ready-for-Electric Vehicle Charging Program

Proposal to Peralta Community College

Presented February 3, 2014

Contact:

Kevin Kelleher
Account Representative
Kevin.kelleher@nrenergy.com
310.912.9037

*The scope of services and level of NRG eVgo investment
described in this proposal is valid until May 3, 2014*



EXECUTIVE SUMMARY

NRG eVgo is pleased to respond to Peralta Community College District’s request for a comprehensive Electric Vehicle (“EV”) charging solution for Peralta Community College District. NRG eVgo has extensive expertise in creating unique charging solutions for companies, public entities and EV drivers in the markets we serve, and we are particularly excited by the opportunity to work with Peralta Community College District. We look forward to providing Peralta Community College District the very best EV charging hardware, network and support services available, today and in the future.

Our Value Proposition

NRG eVgo presents a unique set of benefits to Peralta Community College District and its employees which we believe no other EV charging services provider can offer:

- A no-cost hardware + network solution for Peralta Community College District properties.
- A truly turnkey solution, encompassing hardware, network access, installation and ongoing service.
- Revenue share with Peralta Community College District properties based on charger usage.
- Up to \$20,000 matching investment in electrical upgrades for qualified California Peralta Community College District properties.
- Comprehensive marketing support to enable Peralta Community College Districts to attract EV drivers.
- No under-utilized EV parking spaces.
- A one-of-a-kind EV network provider backed by a Fortune 300 energy company.

- A deployment and service model that is easily scalable to additional facilities and campuses.
- Simple, clear pricing plans to employees that can be integrated with home and public charging networks.
- Best-in-class customer service via our 24/265 call center and local service partners.

COMPANY BACKGROUND

NRG Energy (NYSE: NRG) is the nation's largest competitive power producer. Its diverse power generating facilities produce enough power to serve more than 40 million American homes, and it serves over two million customers directly through its retail electricity providers Reliant, Green Mountain Energy and Energy Plus. A leader in clean energy, NRG has reduced its emissions of greenhouse gases by 50% since 2000, and continues to aggressively invest in renewable energy and clean energy technologies. Currently, NRG is the largest investor and operator of solar power in the U.S.

NRG EV Services, a subsidiary of NRG, provides charging solutions directly to EV owners as well as businesses looking to serve the EV charging needs of their residents, tenants, employees and customers under the brand name **NRG eVgo**.



The eVgo network delivers EV owners freedom and range confidence via home, multi-family and workplace charging, and currently operates the two largest metropolitan networks of DC Fast Chargers in the nation. NRG eVgo enables EV owners to avoid paying large up-front costs for residence or workplace charging and provides unlimited use Level 2 and DC fast-charging at leading retailers along major thoroughfares. It is the first privately financed network of this kind, and is expanding rapidly thanks to NRG's commitment of nearly \$150 million in corporate investment. Today eVgo is active in California, Texas, and the Mid-Atlantic states.

SUMMARY OF OFFER:

READY FOR ELECTRIC VEHICLE PROGRAM

Charging Equipment: NRG eVgo will provide, install and provision (1) Level 2 EV charger, with associated authentication and communication equipment, for each employee that enrolls in an eVgo service plan at \$29.95 per month with a \$99.95 one-time set up fee, at no cost to Peralta Community College District, within 5 business days of employee becoming a subscriber. NRG eVgo will remove the EV charger after the service plan is terminated, at no cost to Peralta Community College District.

Operations and Maintenance: NRG eVgo will own, operate, maintain and service the EV charging equipment at no cost to Peralta Community College District.

Revenue Share: NRG eVgo will pay to Peralta Community College District 100% of the variable portion of charges set forth in each subscriber's agreement. This amount is subject to change but will not be less than the amount set forth below.

- \$0.50 per hour for cars charging at 3.3kW/hour
- \$1.00 per hour for cars charging at 6.6kW/hour

Administration: NRG eVgo will contract directly with employees, and will provide 24/365 customer service directly. Peralta Community College District will not be required to administer authentication privileges, pricing, or coordinate with employees on service plans or EV charger installation.

Electrical Make-Ready Construction: NRG eVgo will invest dollar-for-dollar in the electrical make-ready infrastructure, defined as the service panels, junction boxes, electrical wiring and conduit needed to support EV charging, from the service panel to the parking area, up to \$2,000 per designated parking space. Any

cost share by Peralta Community College District will be agreed to and confirmed in writing in a formal Ready-for-EV Peralta Community College District Agreement.

Marketing Support: NRG eVgo will provide marketing collateral, signage, logos and other material to enable Peralta Community College District to promote EV charging as an element of its premium image.

IMPLEMENTATION PROCESS

- NRG eVgo will provide a Ready-for-EV Peralta Community College District Agreement draft to Peralta Community College District for review.
- NRG eVgo, a third-party electrical contractor, and Peralta Community College District site staff will perform a detailed site assessment at the properties.
- The third-party contractor will determine the cost of the electrical make-ready construction.
- Peralta Community College District and NRG eVgo will review results of site assessments, and will provide final approval for the number and location of Ready-for-EV spaces, and make-ready construction costs.
- The third-party contractor will construct the electrical make-ready. NRG eVgo will provide 50% of the funds required for the electrical make-ready construction, up to \$2,000 per Ready-for-EV space.
- NRG eVgo will contract with EV drivers for charging services, and will provide, install and provision (1) Level 2 EV charger, with associated authentication and communication equipment, for each employee that enrolls in an eVgo service plan, at no cost to Peralta Community College District.
- NRG eVgo will operate and maintain the network supporting these charging stations, and will provide ongoing support to employees in the form of a 24/365 customer service.
- NRG eVgo will maintain responsibility for all ongoing service, maintenance and repair.
- NRG eVgo will provide brochures, a comprehensive marketing toolkit, and support to onsite staff.

**SUMMARY OF COST SHARE BY NRG eVGO AND PERALTA COMMUNITY COLLEGE DISTRICT
(SEE ATTACHED SPREADSHEETS)**

LANEY COLLEGE

	NRG eVgo's Cost Share	The District's Cost Share	Totals
Infrastructure Upgrade	\$20,000	\$5,282	\$25,282
Equipment	\$19,000	\$0.00	\$19,000
Summary	\$39,000	\$5,282	\$44,282

MERRITT COLLEGE

	NRG eVgo's Cost Share	The District's Cost Share	Totals
Infrastructure Upgrade	\$20,000	\$6,205	\$26,205
Equipment	\$19,000	\$0.00	\$19,000
Summary	\$39,000	\$6,205	\$45,205

PERALTA CC DISTRICT OFFICE

	NRG eVgo's Cost Share	The District's Cost Share	Totals
Infrastructure Upgrade	\$20,000	\$5,484	\$25,484
Equipment	\$19,000	\$0.00	\$19,000
Summary	\$39,000	\$5,484	\$44,484

AREAS OF ADDED VALUE

In addition to the offerings listed above, the solution proposed by the NRG eVgo provides several areas of significant added value to Peralta Community College District and its employees:

- Connectivity to the largest planned deployment of combined DC Fast Charging / Level 2 infrastructure in the country.
- Scalability to deploy easily and efficiently to other properties or campuses, or to expand the charging infrastructure the existing location(s).
- Strategic flexibility on hardware:
 - Guarantees competitive pricing
 - Integration with current and future EV charging networks
 - Aesthetic flexibility
- Expansion of green/sustainability marketing by actively leveraging major outside platforms.
- Communities become magnets for attractive new residents.
- Opportunity to integrate additional benefits for employees:
 - Home EV charging plans
 - Public EV charging plans

Once again, we thank Peralta Community College District for the opportunity to provide this proposal for EV charging services. We look forward to continuing to work with you to create a unique, powerful solution for your properties.

