

PINELLAS PARK CITY COUNCIL

AGENDA MEMORANDUM

FROM: Ronald Miller, Finance Administrator

DATE: August 23, 2011

SUBJECT: Continuous billing of inactive accounts

BACKGROUND: Discuss with City Council the proposal to charge a fee to inactive utility accounts (e.g. vacation turn-offs and individual vacant residential & commercial properties) to more fairly allocate the costs of maintaining the utility system infrastructure.

Attached Backup May Be Required:

- Attorney Approval
- Purchasing Approval
- OMB Approval
- Finance Approval
- Minutes from Board or Commission
- Document required for Council action

- Workshop Agenda
- Council Agenda

Department Head Approval R. Miller

City Manager Approval _____



PINELLAS PARK CITY COUNCIL

AGENDA MEMORANDUM

FROM: Tom Nicholls, Public Works Administrator

DATE: August 23, 2011

SUBJECT: Progress Energy Agreement to install electric vehicle charging stations within the City

BACKGROUND:

The Public Works Administrator will be present to discuss a Progress Energy Agreement to install electric vehicle charging stations within the City.

Attached Backup May Be Required:

- Attorney Approval
- Purchasing Approval
- OMB Approval
- Finance Approval
- Minutes from Board or Commission
- Document required for Council action

- Workshop Agenda
- Council Agenda

Department Head Approval 

City Manager Approval _____

ELECTRIC VEHICLE SUPPLY EQUIPMENT SITE AGREEMENT

THIS ELECTRIC VEHICLE SUPPLY EQUIPMENT SITE AGREEMENT ("Agreement") is entered into this _____ day of _____, 2011 ("Effective Date") between Progress Energy Service Company, LLC as agent for Florida Power Corporation d/b/a Progress Energy Florida, Inc., whose address is 410 South Wilmington Street, Raleigh, NC 27601, (hereinafter referred to as "PGN"), and _____ a _____ corporation (hereinafter referred to as "Host"). If Host leases the property, then Host's Lessor, _____ ("Lessor") shall be a party to this Agreement and references to Host in this Agreement shall also include Lessor.

WHEREAS, PGN is party to a certain Assistance Agreement with the United States Department of Energy (the "Grant") which among other things partially funds Electric Vehicle Supply Equipment ("EVSE") locations in designated locations throughout PGN's regulated service territory; and

WHEREAS, PGN and Host agree to work together to establish EVSE locations on Host's property described in Exhibit A to this Agreement, pursuant to the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual promises, conditions and agreements set forth herein, PGN and Host agree as follows:

SECTION 1. EVSE INSTALLATION, MAINTENANCE AND TITLE

- a. PGN, through PGN's network of authorized third party independent contractors and at PGN's expense, shall provide, install, maintain, repair or replace (collectively the "Work") the EVSE on property owned by Host; or if Host is a tenant in a lease, on property owned by Host's Lessor ("Site"). The Site is depicted on Exhibit "A" attached hereto and incorporated into this Agreement. The EVSE shall include a vehicle charging station and associated cords, electrical lines, wires, conduit, cables and equipment. PGN shall provide electric utility services to Host, and Host shall pay for such service consistent with the applicable electric utility tariff in force and effect. PGN, in PGN's sole discretion, shall have the right to repair, modify or replace the EVSE at any time during the Term of this Agreement.
- b. Upon completion of installation and at all times during the Term of this Agreement, ownership of and title to the EVSE shall remain with PGN. Host shall ensure that any EVSE shall not be subject to any lien, security interest or other claim asserted by any creditor of Host, and any sale of the Site by Host shall not include the EVSE.

SECTION 2. HOST'S EVSE OBLIGATIONS

Throughout the Term of this Agreement:

- a. Host shall grant to PGN such access to the Site and sufficient space for locating the EVSE at the Site as may be deemed necessary or desirable by PGN for the Work. Host shall also ensure that the Site is zoned to allow the EVSE's availability to the general public. If the Work requires any improvements to the Site that exceed PGN's pre-determined maximum Site costs, Host shall be responsible for such improvement at Host's sole expenses.
- b. Plus for a period of time until the EVSE (in PGN's sole discretion) is deemed non-functional, Host hereby consents to and shall permit both PGN and any underlying EVSE manufacturer,

vendor or subcontractor to the underlying manufacturer or vendor to access, collect and share with their respective parent, affiliates, subsidiaries and third parties all data from the EVSE with respect to vehicle charging activity, vehicle usage and technical performance (the "Data") of the vehicle and EVSE. If at any time prior to the expiration or termination of the Grant the EVSE fails to operate or otherwise requires repair, Host shall promptly notify PGN and PGN will repair the EVSE. Host agrees that PGN shall have no EVSE repair or maintenance obligations or responsibilities following expiration or termination of the Grant.

- c. The EVSE shall be open twenty-four (24) hours each day and made available to the general public. Host shall not charge any person or entity to use the EVSE. At Host's sole cost and expense, Host shall reserve suitable peripheral parking space or other space required for the general public to utilize the EVSE and mark and reserve such space with a sign stating that the space shall be "For Electric Vehicle Use Only".
- d. Host shall comply with all applicable rules and regulations of federal, state or city regulatory agencies relating to the Work and operation of the EVSE, including environmental requirements associated therewith.
- e. With respect to any marketing efforts including but not limited to logos, stickers, decals or signage made a part of equipment purchased or infrastructure established; or any printed materials or other marketing and/or outreach materials, activities, or web sites created under this Agreement, Host agrees: i) to consider erecting qualifying signage identifying the EVSE as "being funded by the American Recovery and Reinvestment Act;" and ii) to submit any such marketing effort and required signage for prior review and approval by PGN.
- f. Host should maintain the area surrounding the EVSE and will promptly notify PGN of any problems related to the EVSE. Such maintenance includes, but is not limited to, pavement maintenance, snow removal services and the repair or replacement of security lighting and security monitoring cameras.
- g. Host agrees to cooperate with PGN in fulfilling PGN's reporting requirements to the United States Department of Energy and/or other federal, state or local regulatory or governing entities. Such cooperation may include, but not be limited to, periodic inspection of the EVSE and the addition of monitoring hardware or software at PGN's expense. If Host fails to meet any of its obligations under this Agreement, PGN may remove the EVSE and redeploy it at another site.

SECTION 3. TERM AND TERMINATION

This Agreement shall be effective as of the date of execution by both parties. The term shall commence on the date of installation of the EVSE and (unless terminated sooner) shall continue for a period of two (2) years, but at all times shall be subject to the minimum EVSE Data collection period as set forth in Section 2 (Host's EVSE Obligations) to allow PGN and PGN's authorized third party contractors to collect necessary Data (the "Term"), unless sooner terminated or extended as provided herein.

SECTION 4. END OF TERM OPTIONS; TAXES

At the end of the Term, should PGN, in PGN's sole discretion, opt to transfer ownership of the EVSE to Host at the then current EVSE fair market value and Host agrees to accept such transfer of ownership, then PGN will deliver to Host a Bill of Sale for the current EVSE fair market value. Host further agrees that in accordance with federal and state laws in effect at the time of the transfer of the EVSEs from PGN to Host, that: i) Host shall be responsible for and shall pay transfer taxes related to the fair market value of the EVSE as stated on the Bill of Sale ; ii) PGN may thereafter invoice and collect sales tax from Host on the fair market value of the transfer; and iii) Host agrees to complete Form W-9, "Request for Taxpayer Identification Number and Certification" upon execution of these terms and conditions. Following notification from Host to PGN of Host's decision to forego acceptance of the EVSE, PGN will remove the EVSE within sixty (60) days of Host's request and take possession of the EVSE, all at no cost to Host.

SECTION 5. TERMINATION

- a. If due to a physical relocation of the Site within PGN's regulated service territory, Host requests to relocate the EVSE (but not to terminate the Agreement before the end of the Term), then following at least a thirty (30) days notification from Host to PGN advising PGN of Host's relocation request, Host shall thereafter select its own independent contractor to remove and relocate the EVSE, all at Host's sole cost and expense. Following the removal and relocation of the EVSE by Host's independent contractor, this Agreement shall remain in effect for the remainder of the Term.
- b. If either due to a physical relocation of the Site outside of PGN's regulated service territory or due to Host's convenience, Host thereafter requests termination of the Agreement prior to the expiration of the Term, then following notification from Host to PGN advising PGN of Host's termination, PGN or a PGN authorized independent contractor shall remove and take possession of the EVSE within sixty (60) days of Host's request and Host shall pay PGN the cost of removing the EVSE, which shall not exceed six hundred dollars (\$600.00). PGN's or PGN's authorized independent contractor's removal and possession of the EVSE shall not include any removal or possession of any associated cords, wires, cables, equipment, electrical lines, conduit or other ancillary hardware associated with the EVSE. All such ancillary hardware will be disconnected by PGN or PGN's authorized independent contractor and left in place at the Site.

SECTION 6. TITLE TO EQUIPMENT AND DATA

Unless or until PGN transfers title to the EVSE to Host, at all times under this Agreement, PGN shall own and maintain title to the EVSE. The Host shall not make any alterations, changes or modifications to the EVSE without first securing prior written permission from PGN and/or any applicable underlying manufacturer. All rights, title and interest in the EVSE Data and related information collected from the EVSE shall also immediately vest in PGN. PGN shall therefore have the right to use, copy, distribute and create derivative works from such Data and information as necessary and helpful to evaluate electric vehicles and electric vehicle support equipment and for any other PGN business purpose.

SECTION 7. INSURANCE COVERAGE.

- a. Host shall provide and maintain in full force and effect at no additional cost to PGN for the duration of the Agreement: i) Commercial general liability insurance or comprehensive general

liability insurance with a minimum limit of \$2,000,000 per occurrence for bodily injury and damage to property including contractual liability, premises/operations, products/completed operations, independent contractors, broad form property damage, and personal injury coverage and a minimum aggregate amount of \$4,000,000 or commercial/comprehensive general liability insurance plus additional excess umbrella liability insurance to meet these limits; ii) Comprehensive automobile liability insurance with a minimum combined single limit of \$1,000,000 per accident for bodily injury and damage to property, or covering bodily injuries or death in a sum not less than \$500,000 per person and \$1,000,000 per accident and covering damages to property in a sum of at least \$250,000 per accident or comprehensive automobile liability insurance plus additional excess umbrella liability insurance to meet these limits. This insurance shall apply to any auto, whether owned or non-owned; and iii) Workers' compensation insurance as specified by state law in each state where the Host maintains the EVSE.

- b. All such coverages shall be primary. Host agrees that it shall add PGN, its officers, employees, agents, and shareholders and all of PGN's parent, subsidiary, and affiliate companies to Host's liability insurance policies as additional insureds. Host shall require its insurance carrier or agent to certify that this requirement has been satisfied on all Insurance Certificates issued under this Agreement.
- c. Host waives and shall require its insurers providing the coverages specified above (excluding professional liability coverage, if required) to waive all rights of recovery against PGN, its officers, employees, agents, and shareholders and all of PGN's parent, subsidiary, and affiliate companies. Host shall require its insurance carrier or agent to certify that this requirement has been satisfied on all Insurance Certificates issued under this Agreement.
- d. Before any Work is initiated under this Agreement, Host shall provide written proof of compliance with the above insurance requirements and a copy of certificate of insurance completed by his insurance carrier or agent certifying that minimum insurance coverages as required above are in effect and that the coverage will not be canceled or changed until thirty (30) days after written notice is given PGN. Host shall maintain, update, and renew the Certificate for the duration of the Agreement. In the event an acceptable Certificate of Insurance becomes outdated, PGN may elect to suspend Work or take other appropriate action until an acceptable and properly dated Certificate is received by PGN.

SECTION 8. INDEMNIFICATION

To the maximum extent permitted by applicable law, Host shall indemnify and defend PGN (including PGN's parent, subsidiary and affiliate companies), PGN's officers, employees and agents from and against all repairs, liability, loss, costs, claims, damages, expenses, judgments and awards, whether or not covered by Host's insurance, arising or claimed to have arisen wholly or in part from Host's or Host's agents' acts or omissions or negligence at or arising from the Site which resulted in:

- a. injury to (including mental or emotional) or death of any person, including employees of PGN (including PGN's parent, subsidiary and affiliate companies) and including any PGN agents or authorized, independent contractors; or
- b. damage to or destruction of any property (real, personal, tangible or intangible) including without limitation real or personal property of any third party, the EVSE and any

associated EVSE hardware (including but not limited to any cords, wires, cables, equipment, electrical lines, conduit or other ancillary hardware associated with the EVSE), property of PGN (including PGN's parent, subsidiary and affiliate companies), PGN's employees and PGN's authorized, independent contractors; or

- c. Any allegation or violation of any third party intellectual property right, including but not limited to violations of patents, copyrights, trademarks or trade secrets.
- d. Any violation of applicable federal, state and local laws (and the rules and regulations of any lawful regulatory body acting thereunder in connection with the Work).

Indemnification shall include all costs including attorney's fees reasonably incurred in pursuing indemnity claims under or enforcement of this Agreement.

SECTION 9. WARRANTY

- a. PGN WARRANTS THAT EVSE WORK PERFORMED BY PGN'S NETWORK OF AUTHORIZED THIRD PARTY INDEPENDENT CONTRACTORS WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP DURING THE TERM OF THE AGREEMENT. IN THE EVENT THAT ANY EVSE WORK PERFORMED IS FOUND TO BE DEFECTIVE IN EITHER MATERIALS OR WORKMANSHIP, PGN MAY, IN PGN'S SOLE DISCRETION, REPAIR OR REPLACE SUCH DEFECTIVE EVSE OR WORK. THE REPAIR OR REPLACEMENT OF SUCH DEFECTIVE WORK IS HOST'S SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY FOR ANY FAILURE OF PGN TO COMPLY WITH PGN'S WARRANTY OBLIGATIONS, AND PGN EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHETHER EXPRESSED OR IMPLIED. FOR AVOIDANCE OF DOUBT, REPAIR OR REPLACEMENT OF NON-CONFORMITIES IN THE MANNER AND FOR THE PERIOD OF TIME PROVIDED ABOVE SHALL CONSTITUTE PGN'S SOLE LIABILITY AND HOST'S EXCLUSIVE REMEDY FOR FAILURE OF PGN TO MEET PGN'S WARRANTY OBLIGATIONS, WHETHER ANY CLAIMS OF HOST ARE BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE.
- b. AT THE END OF THE TERM OF THIS AGREEMENT AND SHOULD HOST OPT TO ACCEPT TITLE TRANSFER OF THE EVSE FROM PGN, THEN FOR ALL EVSE DEVICES (INCLUDING ALL ASSOCIATED EVSE CORDS AND INTERNAL WIRING), THE TRANSFER WILL BE AS-IS WITH NO WARRANTIES AND HOST ASSUMES SOLE RISK AND RESPONSIBILITY FOR ANY REMAINING WARRANTY ACTION (IF ANY).

SECTION 10. LIMITS OF LIABILITY

- a. UNDER NO CIRCUMSTANCES OR LEGAL THEORY, WHETHER ARISING IN CONTRACT, TORT, STRICT LIABILITY, WARRANTY, INFRINGEMENT OR OTHERWISE, SHALL PGN BE LIABLE TO HOST OR ANY OTHER PERSON OR ENTITY FOR ANY INDIRECT, CONSEQUENTIAL, SECONDARY, INCIDENTAL, SPECIAL, RELIANCE, EXEMPLARY OR PUNITIVE DAMAGES, WHICH INCLUDES

BUT IS NOT LIMITED TO: i) ANY PROPERTY DAMAGE (REAL, PERSONAL, TANGIBLE OR INTANGIBLE) OR PERSONAL INJURY (INCLUDING MENTAL OR EMOTIONAL DISTRESS) ARISING FROM OR ALLEGED TO HAVE ARISEN UNDER THIS AGREEMENT; ii) ANY CLAIMS OR CAUSES OF ACTION THAT ARISE OR ARE ALLEGED TO HAVE ARISEN AS A RESULT OF ANY REQUIRED SPACE VENTILATION NOT MADE KNOWN IN WRITING TO PGN OR PGN'S AUTHORIZED THIRD PARTY INDEPENDENT CONTRACTOR IN WRITING PRIOR TO ANY WORK; iii) ANY DAMAGES ARISING OR ALLEGED TO HAVE ARISEN FROM ANY ELECTRICAL MALFUNCTION OR THE REPAIR OR REPLACEMENT OF SUCH MALFUNCTIONING ITEMS; OR iv) ANY ENVIRONMENTAL CLAIMS, DAMAGE OR CAUSES OF ACTION.

- b. UNDER NO CIRCUMSTANCES WILL PGN OR ANY PGN AUTHORIZED THIRD PARTY INDEPENDENT CONTRACTOR BE HELD LIABLE TO HOST OR ANY OTHER PERSON OR ENTITY FOR MATTERS INVOLVING THE PURCHASE, LEASE, USE, NON-USE, OR DEVALUATION OF ANY ELECTRIC VEHICLE, PLUG IN HYBRID VEHICLE OR ANY VEHICLE OF ANY NATURE, ANY EVSE OR ASSOCIATED EVSE INFRASTRUCTURE WHEN APPLICABLE CODES OR STANDARDS PROHIBIT THE INSTALLATION OR USE OF SUCH VEHICLE OR EQUIPMENT. PGN WILL NOT PAY FOR ANY COSTS INCURRED OR DAMAGES SUSTAINED BY HOST FOR PURCHASING ANY VEHICLE OR EQUIPMENT OR OTHERWISE IN RELIANCE UPON PGN BEING ABLE TO PROVIDE AN EVSE TO HOST. NOTWITHSTANDING ANYTHING SET FORTH IN THIS AGREEMENT TO THE CONTRARY, UNDER NO CIRCUMSTANCES SHALL PGN'S TOTAL LIABILITY UNDER THIS AGREEMENT EXCEED THE TOTAL COST OF THE EVSE PLUS INSTALLATION COSTS MADE BY PGN UNDER THIS AGREEMENT. THIS SECTION SHALL SURVIVE THE TERMINATION OF THIS AGREEMENT.

SECTION 11. MISCELLANEOUS PROVISIONS

- a. Compliance with Laws. Performance under this Agreement is subject to all valid laws and regulations of courts or regulatory bodies having jurisdiction, including: i) compliance with the Americans With Disabilities Act, as amended; and ii) compliance with the minimum rates for wages for laborers and mechanics as determined by the United States Secretary of labor in accordance with the provisions of the Davis-Bacon Act as amended and any related provisions.
- b. Assignment. This Agreement shall not be assigned except with the prior written consent of all parties hereto. The terms and conditions of this Agreement shall bind any permitted successors and assigns of the parties.
- c. Status of Parties. This Agreement shall not be construed as creating a partnership, joint venture, agency relationship, franchise or association, nor shall this Agreement render PGN and Host liable as partners, co-venturers or principals. It is agreed that nothing shall operate to change or alter such relationship, except a further agreement in writing between them.
- d. Severability. If any term or provision of this Agreement is held illegal or unenforceable by a court with jurisdiction over the Agreement, all other terms in this Agreement will

remain in full force and the illegal or unenforceable provision shall be deemed struck. In the event that the stricken provision materially affects the rights, obligations or duties of either party, PGN and Host shall substitute a provision by mutual agreement that preserves the original intent of the parties as closely as possible under applicable law.

- e. Governing Law. This Agreement shall be governed by the laws of the State of North Carolina, except that the North Carolina conflict-of-law provisions shall not be invoked in order to apply the laws of any other state or jurisdiction. PGN and Host expressly waive their rights to a trial by jury in any action brought hereunder.
- f. Public Communication. Host agrees to cooperate with PGN in maintaining good community relations. PGN will issue all public statements, press releases, and similar publicity concerning the EVSE and the Work (including its progress, completion and characteristics). Host shall not make or assist anyone to make any such statements, releases, photographs, or publicity without prior written approval of PGN.
- g. Nonwaiver. PGN's failure to insist on performance of any of the terms and conditions herein or to exercise any right or privilege or PGN's waiver of any breach hereunder shall not thereafter waive any of PGN rights or privileges under this Agreement or at law. Any waiver of any specific breach shall be effective only if given expressly by PGN in writing.
- h. Merger. This Agreement embodies the entire agreement between PGN and Host. The parties shall not be bound by or liable for any statement, writing, representation, promise, inducement or understanding not set forth above. No changes, modifications or amendments of any terms and conditions of this Agreement are valid or binding unless agreed to by the parties in writing and signed by their authorized agents.
- i. Privacy Law. Host further acknowledges and agrees that Host is knowingly consenting to and authorizing PGN to release and share Host's name, address and telephone number for the Work with PGN's authorized third party independent contractors, in order for the authorized third party independent contractors to provide the EVSE to Host.
- j. Survival. The following sections shall survive the expiration or termination of this Agreement: Section 6 (Title To Equipment And Data); Section 7 (Insurance Coverage); Section 8 (Indemnification); Section 9 (Warranty); Section 10 (Limits of Liability); Section 11(a) (Compliance With Laws) and Section 11(i) (Privacy Law).

[signature page follows]

IN WITNESS WHEREOF, the parties execute this Agreement by their signature or the signature of their authorized agents. as of the date first above written.

Florida Power Corporation d/b/a
Progress Energy Florida, Inc.

BY: _____

BY: _____

NAME (printed): _____

NAME: _____

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____

LESSOR (if applicable)

BY: _____

NAME (printed): _____

TITLE: _____

DATE: _____

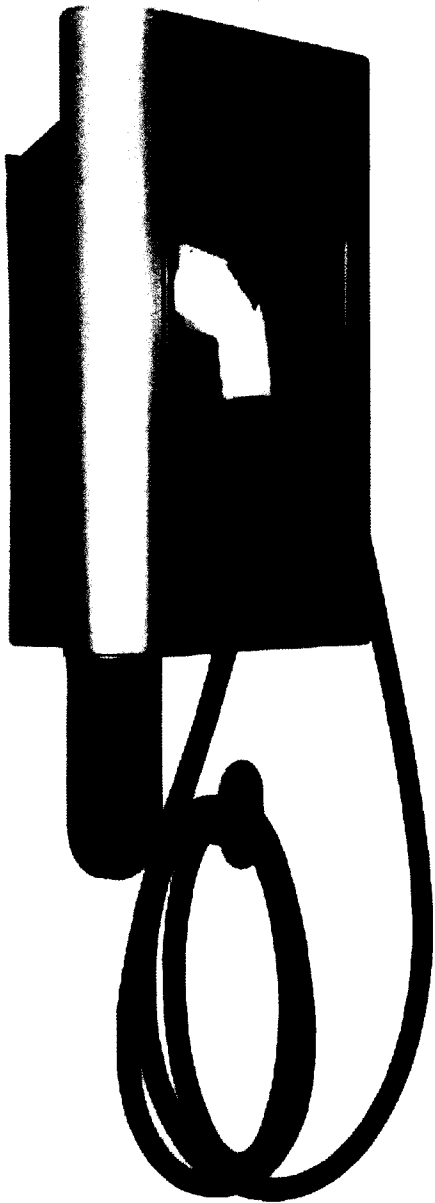
Should the person's title who is executing this document not indicate that he/she is a corporate officer, an affidavit signed by a corporate officer shall be provided stating that the person whose name appears above is duly authorized to execute Contracts on behalf of the firm.

Indicate your Social Security Number **OR** your Federal Tax Identification Number (FTIN). This number shall correspond with the Host name indicated above and shall be the same Federal Tax Identification Number under which you report income. **COMPLETE ONLY ONE.**

Federal Tax ID #	Social Security #
_____	_____

Eaton's Pow-R-Station Level 2 electric vehicle charging station

The most robust, flexible offering of EVSE on the market



EATON

Powering Business Worldwide

Overview

Plug-in electric vehicles offer improved fuel economy, lower emissions and strong acceleration with a quiet operation—all from a domestic energy source. Therefore, it is no surprise that automakers are bringing plug-in electric vehicles to the mass market. In fact, industry forecasts predict an annual volume of 400,000 battery electric vehicles in North America by 2020. These electric vehicles will require a substantial residential, commercial and public infrastructure to support them.

Eaton provides the most robust, flexible offering of electric vehicle supply equipment (EVSE) on the market. Eaton's Pow-R-Station™ family of solutions is the electric transportation industry's premier EVSE.

Eaton's Pow-R-Station electric vehicle charging stations supply the connection to the grid where vehicles park—street-side, garage or parking lot—and provide the car's onboard charger with the electricity it needs to refill the battery.

Configuration to meet your needs

Whether you have a fleet of electric vehicles or you are plugging in at home, Eaton has an electric vehicle charging station targeted to meet your needs.

The Level 2 Pow-R-Station electric vehicle charging station is NEMA® 3R-rated for indoor or outdoor use—it can be wall-mounted for residential or commercial garage installations, or it can be freestanding with the pedestal configuration. It is designed with steel housing and is treated with a powder coat paint for durability and long life. It can be operated as a stand-alone power station, or it can be networked with other power stations that will be operated or managed by one entity.

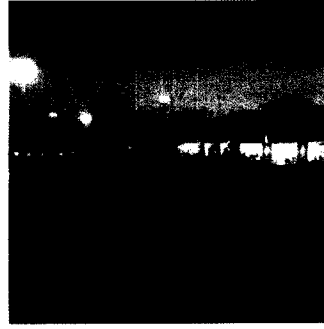
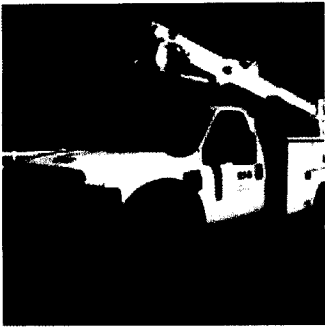
Using an industry standard J1772™ 30A or 70A connector, depending on battery size, the Level 2 charging station will easily fill a depleted all-electric vehicle battery in as little as four hours while the owner is working, shopping or sleeping.

How it works

When the driver connects the J1772 connector to the electric vehicle, the Level 2 Pow-R-Station EV charging station confirms that it is an electric vehicle by "waking it up" through one of the pins in the connector. Once the charger has confirmed the connection to the vehicle, the vehicle then tests to ensure it is connected to an EVSE.

The charging station will respond by indicating its available line current (ALC). The ALC is the maximum current the electric vehicle is allowed to draw, depending on the circuit size or the commands of a load-management system and/or the requirements of a utility.

Celebrating
100 YEARS
Ideals that Endure



User safety

The various communications between the electric vehicle and the Pow-R-Station EV charging station are in place to ensure user safety. These safety checks verify that there is no chance of injury to the user or the equipment. For example, until the vehicle has confirmed it is connected to an EVSE, the five pins on the connector have no AC power.

In addition, electric vehicles are required to have an interlock deactivating the ignition while connected. If anything happens to disrupt the connection, such as a user releasing the connector latch, the power flow to the vehicle will immediately stop.

Installation

Installation of the Level 2 Pow-R-Station EVSE can be performed easily by any qualified electrician. The wall-mount design is much like the installation for an electric stove circuit, and the pedestal is comparable to the installation of a lighting bollard circuit. An electrician can also verify whether the size of the branch circuit is correct per NFPA® 70 and NEC® 625.14 standards.

Eaton manufactures all products that may be needed to support an electrical system upgrade, if it is required for installation. For commercial installations, Eaton's Electrical Services and Systems (EESS) team of electrical engineers is available nationwide and can be augmented by

Eaton's network of national, local and specialty commercial electrical contractors. For residential installations, Eaton's Certified Contractor Network (ECCN) can handle installation and any upgrades needed to the home's electrical system.

Communication features

The Level 2 Pow-R-Station EVSE offers standard ethernet, Serial (RS-232), and Modbus® or optional cellular or wireless communication selections. The charging station will also offer the following features for data collection, storage and extraction:

- **Memory slot:** allows the station to collect data locally onto an SD card of up to 2 GB of data, which is equivalent to one year of reporting.
- **Standard onboard memory:** allows the station to record 30 days of a subset of usage data and ongoing statistics.
- **Modbus:** allows a building's energy management system (EMS) to manage the charging station's deployment with status and usage statistics.
- **Ethernet:** allows the station to be a Modbus TCP and offers a small, built-in Web server that shows the station's status and usage statistics.
- **Serial port:** allows a third-party device, such as a technician's computer or an industrialized computer, to control, manage and troubleshoot the station's status and usage statistics.

Remote management and control

Eaton's optional Pow-R-Station Network Manager Software provides remote-management and control services for the charging station. Eaton's Pow-R-Station Network Manager Software allows a user or a fleet manager to check the status of the station, including if it is idle or in use, the amount of power flowing to the vehicle, and any required preventative maintenance. Further, the user is able to gather usage data and reports, manage and control how fast charging takes place, and access maps of where each station is located, all from Internet portal dashboards.

Authentication

To meet your application needs, Eaton can interface with third-party authentication systems including but not limited to:

- Outdoor-rated credit card swipe
- Secure access RFID
- RFID with user identification
- Synchronous-code keypads

Further, the optional integrated synchronous-code keypad can be used in conjunction with parking lot management systems commonly deployed today to provide a method for both enabling payment and restricting access to the charging stations.

ⓘ When used with Eaton's Network Manager software



For more information, visit www.eaton.com/plug-in, call **1-855-ETN-EVSE (1-855-386-3873)**, or call your local Eaton sales office.

Eaton Corporation
Electrical Sector
1111 Superior Ave.
Cleveland, OH 44114
United States
877-ETN-CARE (877-386-2273)
Eaton.com

Canadian Operations
Eaton
5050 Mainway
Burlington, ON L7L 5Z1
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Eatoncanada.ca

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Powering Business Worldwide



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PINELLAS PARK CITY COUNCIL

AGENDA MEMORANDUM

FROM: Tom Nicholls, Public Works Administrator

DATE: August 23, 2011

SUBJECT: TOWN SQUARE PLAZA PARK – RENAMING

BACKGROUND:

The Public Works Administrator will be present to discuss potentially re-naming Town Square Plaza Park.

Attached Backup May Be Required:

- Attorney Approval
- Purchasing Approval
- OMB Approval
- Finance Approval
- Minutes from Board or Commission
- Document required for Council action

- Workshop Agenda
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