

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

n/a

ATTACHMENTS
(CHECK BOX IF ATTACHED)

- Attachment A** **Funding Request and Direction.**
- Attachment B** **Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).**
- Attachment C** **Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).**
- Attachment D** **Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]**
- Attachment E** **DERA Option (5.2.12). [Attach only if using DERA option.]**
- Attachment F** **Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]**

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

- 1. This application is submitted on behalf of Beneficiary Nevada, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.**
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.**
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.**
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)**
- 5. Beneficiary will maintain and make publicly available all documentation submitted in**

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 10/14/2021

Danilo Dragoni, PhD

[NAME]


[SIGNATURE]

Chief, Bureau of Air Quality Planning

[TITLE]

Nevada Division of Environmental Protection

[LEAD AGENCY]

for

Nevada

[BENEFICIARY]

**DETAILED DESCRIPTION OF MITIGATION ACTION ITEM INCLUDING
COMMUNITY AND AIR QUALITY BENEFITS (5.2.2)**

This Eligible Mitigation Action Category 9 project has installed publicly available light duty electric vehicle charging infrastructure at a Non-Government Owned Property in the unincorporated community of Middlegate, Nevada. Specifically, the charging infrastructure was installed off of Highway 50 at 42500 Austin Hwy, Fallon, Nevada 89406. One Direct Current Fast Charger (the charger will have two cords, one CCS Combo and one CHAdeMO) and one dual-port level 2 charger were installed because of this project.

This project supports the development of the Nevada Electric Highway. Once completed, the Nevada Electric Highway will provide a network of electric vehicle charging stations across the state in order to make it easier for Nevadans and our guests alike to appreciate all the state has to offer. By investing in the charging infrastructure identified in the Nevada Electric Highway and this Eligible Mitigation Action specifically, Environmental Mitigation Trust Funds will help to increase the availability of charging stations for electric vehicles and thus increase electric vehicle usage in Nevada’s metropolitan areas, as well as significantly contribute to an increase in the number of electric vehicles driven across not only Nevada, but the entire western region.

Through this Nevada Electric Highway project, the Nevada Division of Environmental Protection (NDEP) will reimburse funding to the Nevada Governor’s Office of Energy (GOE) who directly oversaw the completion of the project. The GOE’s project partner has been reimbursed on actual expenditures incurred over the course of the charging infrastructure’s installation. The GOE has provided progress reports to NDEP detailing the work done to complete the project.

The expected lifetime emissions reductions are based on the Federal Highway Administration’s Congestion Mitigation and Air Quality Improvement Program’s Cost Effectiveness Tables. An important assumption associated with this project, but not considered in the below estimates, is that as the number of electric vehicles increases so too will the amount of emissions reduced due to the installation of this charging infrastructure. The emissions reductions, in short tons, are:

Pollutant	Emissions Reductions (tons)
NOx	0.202
PM _{2.5}	0.018
VOC	0.083
CO	3.305
PM ₁₀	0.043

ATTACHMENT FOR 5.2.7.2

Describe how the Beneficiary will make documentation publicly available

Subparagraph 5.2.7.2 of the Environmental Mitigation Trust Agreement for State Beneficiaries requires that Beneficiaries include in their funding requests:

A commitment by the Beneficiary to maintain and make publicly available all documentation submitted in support of the funding request and all records supporting all expenditures of Eligible Mitigation Action funds, subject to applicable laws governing the publication of confidential business information and personally identifiable information, together with an explanation of the procedures by which the Beneficiary shall make such documentation publicly available;

The Nevada Division of Environmental Protection (NDEP), the Lead Agency for the State of Nevada, is committed to maintaining and making publicly available all documentation submitted support of the funding requests and all records supporting all expenditures of Eligible Mitigation Action funds, subject to applicable laws governing the publication of confidential business information and personally identifiable information.

The public will be able to view these records on the NDEP's website (<https://ndep.nv.gov>). The NDEP will maintain these records on a Volkswagen (VW) Environmental Mitigation Trust Fund specific webpage that will be designed to support public access and limit burden for the general public. The NDEP's VW specific webpage can currently be found at <https://ndep.nv.gov/air/vw-settlement>.

The NDEP has created an electronic listserv, open to the public, used to communicate news, events, and information related the Environmental Mitigation Trust Fund (Mitigation Fund). The listserv, NevadaVWFund, is advertised through the NDEP website and at public events related to the Mitigation Fund.

Chapters 603A and 239B of the Nevada Revised Statutes (NRS) provide definitions and requirements for handling *personal information*.

NRS Section 603A.040 defines 'Personal Information' as:

1. *"Personal information" means a natural person's first name or first initial and last name in combination with any one or more of the following data elements, when the name and data elements are not encrypted:*
 - (a) *Social security number.*
 - (b) *Driver's license number, driver authorization card number or identification card number.*
 - (c) *Account number, credit card number or debit card number, in combination with any required security code, access code or password that would permit access to the person's financial account.*
 - (d) *A medical identification number or a health insurance identification number.*

- (e) A user name, unique identifier or electronic mail address in combination with a password, access code or security question and answer that would permit access to an online account.*
- 2. The term does not include the last four digits of a social security number, the last four digits of a driver's license number, the last four digits of a driver authorization card number or the last four digits of an identification card number or publicly available information that is lawfully made available to the general public from federal, state or local governmental records.*

NRS Section 239B.030 – *Recorded, filed or otherwise submitted documents* - states that:

- 1. Except as otherwise provided in subsections 2 and 6, a person shall not include and a governmental agency shall not require a person to include any personal information about a person on any document that is recorded, filed or otherwise submitted to the governmental agency on or after January 1, 2007.*
- 2. If personal information about a person is required to be included in a document that is recorded, filed or otherwise submitted to a governmental agency on or after January 1, 2007, pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant, a governmental agency shall ensure that the personal information is maintained in a confidential manner and may only disclose the personal information as required:*
- (a) To carry out a specific state or federal law; or*
- (b) For the administration of a public program or an application for a federal or state grant.*
- ↪ Any action taken by a governmental agency pursuant to this subsection must not be construed as affecting the legality of the document.*
- 3. A governmental agency shall take necessary measures to ensure that notice of the provisions of this section is provided to persons with whom it conducts business. Such notice may include, without limitation, posting notice in a conspicuous place in each of its offices.*
- 4. A governmental agency may require a person who records, files or otherwise submits any document to the governmental agency to provide an affirmation that the document does not contain personal information about any person or, if the document contains any such personal information, identification of the specific law, public program or grant that requires the inclusion of the personal information. A governmental agency may refuse to record, file or otherwise accept a document which does not contain such an affirmation when required or any document which contains personal information about a person that is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant.*
- 5. Each governmental agency may ensure that any personal information contained in a document that has been recorded, filed or otherwise submitted to the governmental agency before January 1, 2007, which the governmental agency continues to hold is:*
- (a) Maintained in a confidential manner if the personal information is required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant; or*
- (b) Obliterated or otherwise removed from the document, by any method, including, without limitation, through the use of computer software, if the personal information is not required to be*

included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant.

➤ *Any action taken by a governmental agency pursuant to this subsection must not be construed as affecting the legality of the document.*

6. *A person may request that a governmental agency obliterate or otherwise remove from any document submitted by the person to the governmental agency before January 1, 2007, any personal information about the person contained in the document that is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant or, if the personal information is so required to be included in the document, the person may request that the governmental agency maintain the personal information in a confidential manner. If any documents that have been recorded, filed or otherwise submitted to a governmental agency:*

(a) Are maintained in an electronic format that allows the governmental agency to retrieve components of personal information through the use of computer software, a request pursuant to this subsection must identify the components of personal information to be retrieved. The provisions of this paragraph do not require a governmental agency to purchase computer software to perform the service requested pursuant to this subsection.

(b) Are not maintained in an electronic format or not maintained in an electronic format in the manner described in paragraph (a), a request pursuant to this subsection must describe the document with sufficient specificity to enable the governmental agency to identify the document.

➤ *The governmental agency shall not charge any fee to perform the service requested pursuant to this subsection.*

7. *As used in this section:*

(a) "Governmental agency" means an officer, board, commission, department, division, bureau, district or any other unit of government of the State or a local government.

(b) "Personal information" has the meaning ascribed to it in [NRS 603A.040](#).

Chapter 239 of the NRS provides general principles for the definition and the handling of public records. In particular, subsection 239.010.3 states that:

A governmental entity that has legal custody or control of a public book or record shall not deny a request made pursuant to subsection 1 to inspect or copy or receive a copy of a public book or record on the basis that the requested public book or record contains information that is confidential if the governmental entity can redact, delete, conceal or separate the confidential information from the information included in the public book or record that is not otherwise confidential.

Chapter 445B of the NRS (Air Controls) specifically provides further directions on what is confidential information and how such information must be handle in the context of the Air Program of the NDEP. In particular section 445B.570 – *Confidentiality and use of information obtained by Department*¹; penalty – states that (footnotes added for clarity):

¹ Nevada Department of Conservation and Natural Resources (DCNR)

1. Any information which the Department obtains in the course of the performance of its duties pursuant to the provisions of this chapter is public information unless otherwise designated as confidential information pursuant to the provisions of this section.
2. The emission of an air contaminant which has an ambient air quality standard or emission standard or has been designated as a hazardous air pollutant by regulation of the Commission cannot be certified as being confidential.
3. Any confidential information received by the Commission², the Director³ or any local control authority which is certified in writing to the recipient as confidential by the owner or operator disclosing the information and verified and approved in writing as confidential by the recipient must, unless the owner expressly agrees to its publication or availability to the public, be used only:
 - (a) In the administration or formulation of air pollution controls;
 - (b) In compiling or publishing analyses or summaries relating to the condition of the outdoor atmosphere which do not identify any owner or operator or reveal any confidential information;or
 - (c) In complying with federal statutes, rules and regulations.
4. This section does not prohibit the use of confidential information in a prosecution for the violation of any statute, ordinance or regulation for the control of air pollution.
5. A person who discloses or knowingly uses confidential information in violation of this section is guilty of a misdemeanor, and is liable in tort for any damages which may result from such disclosure or use.
6. As used in this section, "confidential information" means information or records which:
 - (a) Relate to dollar amounts of production or sales;
 - (b) Relate to processes or production unique to the owner or operator; or
 - (c) If disclosed, would tend to affect adversely the competitive position of the owner or operator.

² Nevada State Environmental Commission

³ Director of the Department of Conservation and Natural Resources

ATTACHMENT B

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN INCLUDING DETAILED
BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE**

ATTACHMENT B

PROJECT MANAGEMENT PLAN PROJECT SCHEDULE AND MILESTONES

Milestone	Date
The Nevada Governor's Office of Energy received the application from NV Energy for the installation of eligible electric vehicle charging infrastructure	CY 2021, Q1
GOE enters into Agreement with NV Energy	CY 2021, Q1
GOE submits application to NDEP	CY 2021, Q2
NDEP enters into Subgrant Agreement with GOE	CY 2021, Q2
NV Energy completes installation of electric vehicle charging infrastructure	CY 2021, Q3
GOE reports project completion to NDEP	CY 2021, Q3
NDEP Submits and Trustee acknowledges receipt of project certification and funding direction	CY 2021, Q3
NDEP reports project completion	CY 2022, Q1

PROJECTED TRUST ALLOCATIONS

ANNUAL PROJECTIONS	2021
1. Anticipated annual project funding request to be paid through the Trust	\$155,391.54
2. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Administrative Expenditures	\$14,126.50
3. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Expenditures	\$141,265.04
4. Anticipated annual cost share	\$463,559.75
5. Anticipated total project funding by year (line 1 plus line 4)	\$618,951.29
CUMULATIVE PROJECTIONS	
6. Cumulative outstanding Trustee payments requested against cumulative approved Beneficiary allocation	\$6,591,997.36
7. Cumulative Trustee payments made to date against cumulative approved Beneficiary allocation	\$7,654,789.69
8. Beneficiary funding to be paid through the Trust for this project (sum of line 1)	\$155,391.54
9. Total funding approved for Beneficiary Eligible Mitigation Actions, inclusive of current Action (sum of lines 6, 7, and 8)	\$14,402,178.59
10. Beneficiary share of estimated funds remaining in Trust	\$18,689,996.08
11. Estimated Beneficiary funds remaining in Trust after project completion (line 10 minus lines 6 and 8)	\$11,942,607.17

Name of Applicant:	NV Energy	Name of Project:	NEH Site# 25 – Middlegate
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Task/Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
Task/Milestone 1	Upon signage of the Grant Agreement	<i>Site Selection</i>	<i>Report to GOE will include a map of the location with the on-site power availability (e.g., 3-phase) Expect approximately 10% of the budget will be allocated for this Task/Milestone</i>	<i>NV Energy will provide GOE with a site map and power availability memo per Rule 9 requirements.</i>	TBD
Task/Milestone 2	TBD	<i>Design</i>	<i>Report to GOE will include the drawings, specifications, etc. Expect approximately 15% of the budget will be allocated for this Task/Milestone</i>	<i>NV Energy will review and ensure design, drawings and specifications follow standard industry practice. These drawings will be provided for GOE's review and approval.</i>	TBD
Task/Milestone 3	TBD	<i>Equipment purchase</i>	<i>Report to GOE will include the equipment specifications. Expect approximately 35% of the budget will be allocated for this Task/Milestone</i>	<i>NV Energy will review and ensure the equipment specs out properly for the design of the charging station and uses industry standard purchasing processes that ensure fairness. These specs will be provided for GOE review and approval.</i>	TBD
Task/Milestone 4	TBD	<i>Construction/Installation</i>	<i>Report to GOE will include construction start/end dates, labor used (e.g., in-house, subcontract) Expect approximately 35% of the budget will be allocated for this Task/Milestone</i>	<i>NV Energy will review and ensure Contractor performs and/or contracts out the construction and installation of the charging station in a fair and reasonable manner with all phases of this milestone meeting standard construction and engineering specifications. Furthermore, NV Energy will provide the construction reports for GOE's review and approval.</i>	TBD
Task/Milestone 5	TBD	<i>Final Closeout</i>	<i>Final report to GOE will include wrap-up of the project, photos of the completed installation, final</i>	<i>NV Energy will review and ensure the final report, to be submitted to the Nevada GOE, is complete and documents all phases of the</i>	6/30/2021

Task/ Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
			<i>invoices for equipment purchases and post construction design updates (as-built drawings, specs, costs). Expect approximately 5% of the budget will be allocated for this Task/Milestone</i>	<i>project as outlined in these task, milestones and budgets.</i>	

Notes: Complete the table above. The items pre-populated are suggested items. Percentages noted are estimates and are adjustable, based on the individual subgrantee. Tie each Task/milestone to the budget on the budget template provided. Provide a more detailed description of the work that will take place in order to complete each Task/Milestone, including information on how the Deliverable will be produced and to what specifications.

Invoice and Progress Report #4

Invoice

A. Personnel

Pay Date	Employee Name/Title	Hourly rate	#of hours	Amount
				\$ -
				\$ -
				\$ -
				\$ -
			Personnel subtotal:	\$ -

B. Fringe Benefits

Pay Date	Employee Name	Type of Benefit	Amount	
			\$ -	
			\$ -	
			\$ -	
			Fringe Benefits subtotal:	\$ -

C. Travel

Date(s) of Travel	Employee Name	To	Amount	
			\$ -	
			\$ -	
			\$ -	
			Travel subtotal:	\$ -

D. Equipment

Purchase Date	Vendor	Description	Amount	
			\$ -	
			\$ -	
			\$ -	
			Equipment subtotal:	\$ -

E. Supplies

Date(s) of Service	Consultant/Contract	Description	Amount	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			Supplies subtotal:	\$ -

F. Contractual/Contract Services

Date(s) of Service	Vendor	Description	Amount		
07/12/21	Verdek Green Technologies Corporation	Invoice I	EV-00054	\$ 609,824.79	
				Contractual subtotal:	\$ 609,824.79

G. Other

Date(s) of Service	Vendor	Description	Amount	
			\$ -	
			\$ -	
			Other Cost subtotal:	\$ -

Subtotal Direct Costs:	\$	609,824.79
NV Energy :	\$	468,559.75
GOE:	\$	141,265.04

INCENTIVE REQUEST FORM

From:

Company Name: Verdek Green Technologies Corporation
Street Address: 123 Rolling Meadow Road
City, ST ZIP Code: Madison CT 06443
Phone (203) 421-6477 Fax (203) 421-6110

DATE: July 12, 2021

FORM #: EV-00054_NEH_Verdek G_07-12-21

TAX ID #: 84-4140816

FOR: Nevada Electric Highway, Phase 2

Bill To:

Name: Ali Sheikh
Company Name: NV Energy
Street Address: 6226 W Sahara
City, ST ZIP Code: Las Vegas, NV 89146
Phone: 702.402.2654

SITE #: 25

SITE NAME: Middlegate

Project ID# NA

PowerClerk App # EV-00054

Description	Allowable Amount	Current Amount	Previous Total Amount	Total Invoiced	Percent Complete
Land Acquisition					
1 Estimated land acquisition cost	\$ -	\$ -	\$ -	\$ -	0%
Labor					
2 Site Design*	\$ 10,799.50	\$ 10,799.50	\$ -	\$ 10,799.50	100%
3 Trench Excavation, conduit install, backfill (Hard Scape)	\$ -	\$ -	\$ -	\$ -	0%
4 Trench Excavation, conduit install, backfill (Soft Scape)	\$ -	\$ -	\$ -	\$ -	0%
5 Demo Existing Curb & Gutter	\$ -	\$ -	\$ -	\$ -	0%
6 Demo/modify Existing utility	\$ -	\$ -	\$ -	\$ -	0%
7 Demo (E) Tree	\$ -	\$ -	\$ -	\$ -	0%
8 Concrete Pad Install	\$ -	\$ -	\$ -	\$ -	0%
9 Switchgear Install	\$ 3,153.45	\$ 3,153.45	\$ -	\$ 3,153.45	100%
10 Electric Panel/disconnect Installation	\$ 3,141.93	\$ 3,141.93	\$ -	\$ 3,141.93	100%
11 Light and fixture Installation	\$ -	\$ -	\$ -	\$ -	0%
12 Pad-mount XFMR Installation	\$ -	\$ -	\$ -	\$ -	0%
13 Underground XFMR Installation	\$ -	\$ -	\$ -	\$ -	0%
14 Underground Vault Installation	\$ -	\$ -	\$ -	\$ -	0%
15 Bollard Installation	\$ 5,183.76	\$ 5,183.76	\$ -	\$ 5,183.76	100%
16 DC Fast Charger Installation	\$ 835.16	\$ 835.16	\$ -	\$ 835.16	100%
17 Level II Charger Installation	\$ 705.57	\$ 705.57	\$ -	\$ 705.57	100%
18 Restoration Asphalt	\$ 8,820.00	\$ 8,820.00	\$ -	\$ 8,820.00	100%
19 Restoration Concrete	\$ -	\$ -	\$ -	\$ -	0%
20 Restoration Tree/Landscape	\$ -	\$ -	\$ -	\$ -	0%
21 Restoration Striping	\$ 2,268.00	\$ 2,268.00	\$ -	\$ 2,268.00	100%
22 ADA Compliance	\$ -	\$ -	\$ -	\$ -	0%
23 Signage	\$ 935.96	\$ 935.96	\$ -	\$ 935.96	100%
Material					
24 Level II Charger Price	\$ -	\$ -	\$ -	\$ -	0%
25 DCFC	\$ -	\$ -	\$ -	\$ -	0%
26 Switchgear	\$ 9,866.42	\$ 9,866.42	\$ -	\$ 9,866.42	100%
27 Electric Panel/disconnect	\$ 2,246.30	\$ 2,246.30	\$ -	\$ 2,246.30	100%
28 Light and fixture	\$ -	\$ -	\$ -	\$ -	0%
29 Pad-mount XFMR	\$ -	\$ -	\$ -	\$ -	0%
30 Underground XFMR	\$ -	\$ -	\$ -	\$ -	0%
31 Underground Vault	\$ -	\$ -	\$ -	\$ -	0%
32 Bollard Installation	\$ 2,591.88	\$ 2,591.88	\$ -	\$ 2,591.88	100%
33 Balance of Material	\$ 429,385.51	\$ 429,385.51	\$ -	\$ 429,385.51	100%
Software and Warranty					
34 Software/Network Fee covering five (5) year duration	\$ 7,680.00	\$ 7,680.00	\$ -	\$ 7,680.00	100%

35	Warranty covering five (5) year duration	\$ -	\$ -	\$ -	\$ -	0%
36	Level 2 Software Network Fee covering 5 year	\$ -	\$ -	\$ -	\$ -	0%
Other*						
37	Any other anticipated cost which was not listed	\$ 68,092.50	\$ 68,092.50	\$ -	\$ 68,092.50	100%
Total		\$ 555,705.94	\$ 555,705.94	\$ -	\$ 555,705.94	100%

Sales Tax Paid \$ -

Current Invoice Subtotal	\$ 555,705.94	
Tax Rate	7.60%	
Sales Tax	\$ 33,750.85	
Other items¹	0	
Shipping²	\$ 20,368.00	
Amount Due	\$ 609,824.79	

1 Needs to be thoroughly explained and all the supporting documents needs to be provided.

ATTACHMENT C

**DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION
IMPLEMENTATION**

ATTACHMENT C

DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

The Nevada Division of Environmental Protection (NDEP) will provide detailed reporting on this Volkswagen (VW) Environmental Mitigation Trust Fund for State Beneficiaries Eligible Mitigation Action project in two ways: 1, timely updates to NDEP's VW Environmental Mitigation Trust Fund webpage; and 2, Nevada's semiannual reporting obligation to Wilmington Trust (the "Trustee").

NDEP maintains a VW Environmental Mitigation Trust Fund specific webpage that has been designed to support public access and limit burden for the general public. The NDEP's VW specific webpage can currently be found at <https://ndep.nv.gov/air/vw-settlement>. Timely updates to the webpage will inform the general public on the project's status as well as when this Eligible Mitigation Action has been completed.

Subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries details Nevada's Reporting Obligations:

"For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust's public-facing website upon receipt."

NDEP shall, in the next semiannual report following the Trustee's approval of this project, describe the progress implementing this Eligible Mitigation Action that will include a summary of all costs expended on the Eligible Mitigation Action through the reporting date. The report will also include a complete description of the status, development, implementation (including project schedule and milestone updates), and any modification to this Eligible Mitigation Action.

ATTACHMENT D

**DETAILED COST ESTIMATES FROM SELECTED OR POTENTIAL VENDORS FOR
EACH PROPOSED EXPENDITURE EXCEEDING \$25,000**



Boost Charger™

Ultrafast Charging Without the Additional Infrastructure

The FreeWire Boost Charger is a powerful battery-integrated DC charger for EVs. Easily connecting to existing electrical infrastructure, it can be set up without costly construction or permitting. With 160 kWh of battery capacity and 120 kW output, the Boost Charger is ready for current and next generation electric vehicles. Recharging with up to 27 kW from the grid, the Boost Charger enables ultrafast charging using the same infrastructure as L2 chargers and up to 40% lower cost of installation versus comparable fast chargers. Deliver high-quality power while significantly reducing costly demand charges utilizing the Boost Charger's battery-integrated platform.

The Benefits



Lower Energy Costs: energy-buffering technology can take advantage of off-peak electricity rates (requires FreeWire AMP™ subscription).



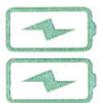
Easy Setup: recharges from a single-phase or three-phase connection



Powerful: charge EVs at up to 480 miles of range per hour



Efficient: install up to six Boost Chargers with the same grid connection as one conventional charger



Dual Port: equipped with a CHAdeMO and a CCS port, the Boost Charger can charge two EVs simultaneously





The Difference

Intelligent cable management design to allow different parking and car configurations



Side access with modular battery design for easy assembly and maintenance



Large screen in ADA-compliant height



The Details

Electrical Specifications

Output Power	120 kW total, two vehicles at 60 kW each, one vehicle at 100 kW max
Output Voltage (DC)	200 V – 500 V
Output Connectors	Dual-port: CHAdeMO and CCS
Energy Chemistry	Lithium nickel manganese cobalt oxide
Energy Capacity	160 kWh

Electrical Specifications (Input)

Power	Up to 27 kW
Voltage (AC)	3Ø Y 208 V 1Ø 240 V
Current	3Ø: 100 A service, 88 A typical 1Ø: 150 A service, 132 A typical
Frequency	50 / 60 Hz ± 1%

Mechanical Specifications

Dimensions	91 cm (36") W x 107 cm (42") L x 236 cm (93") H
Weight	1,588 kg (3,500 lbs)
Operating Temperature	-20° C to +55° C
Environmental Rating	IP 54
Communications	4G LTE
Screen	61 cm (24") ruggedized LCD touchscreen

v1.3-8.9.2019

DUAL PORT 30A AMP LEVEL 2 COMMERCIAL CHARGING STATION PEDESTAL



- DUAL PORT 30A LEVEL 2
- CHARGING PROTOCOL: SAE J-1772
- 7.2 KW PER PORT
- NEMA 3R HOUSING
- OCPP COMPLIANT
- 7" COLOR SCREEN
- UL COMPLIANT—ETL CERTIFIED
- OPTIONS
 - CABLE RETRACTOR
 - CREDIT CARD SCANNER
 - 3G/4G GPRS Modem
 - V2G per ISO 15118 (June 2018)

Model #	EVP-2002-30
Power per Port	7.2 kW (240V AC @ 30A)
Electrical Service	
Power	240/208 VAC, 30A Load with 40A Branch Circuit Per Port
Service Panel	40A Dual Breakers Per Port (No GFCI)
Service Wiring	3-wire (L1, L2, Earth Ground)
Functional Interfaces	
Connector Type	SAE J1772
Charging Protocol	SAE J1772
Standard Cable Length	>18 ft
Cable Retractor (option)	Counter Weight Overhead Retractor ADA compliant
LCD Display	1500 nits 7" color, 800 x 480, UV protected
Card Reader	ISO 14443 Type A&B, ISO 18092 NFC
Vehicle to Grid (option)	ISO 15118 (available June 2018)
Safety and Connectivity	
Ground Fault Detection	5mA CCID trip with 3 x automatic restarts
Detect Coupler Removal	Per SAE J1772™
Power Measurement	Accuracy: ± 2% from 5% to full scale (30A)
Power Report Interval	Every 15 minute on the hour
LAN (Optional)	2.4 GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	3G/4G GSM, 3G/4G CDMA
Communication Protocols	OCPP 1.5, OCPP 1.6
Safety and Operation	
Enclosure Rating	NEMA 3R
Regulatory Compliance	ETL certified for USA and cUL certified for Canada; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625, EMC: FCC Part 15 Class A
Surge Protection	6KV @ 3000A
Operating Temperature	-30°C to +50°C (-22°F to 122°F)
Storage Temperature	-30°C to +50°C (-22°F to 122°F)
Altitude	6000 ft
Humidity	85% non condensing



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