

**GRANT REQUEST FORM (GRF)**

CEC-270 (Revised 02/13)

CALIFORNIA ENERGY COMMISSION

New Agreement ARV-14-005 (To be completed by CGL Office)

Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Andre Freeman	27	916-654-4162

Recipient's Legal Name	Federal ID Number
Carbonblu, LLC	46-3529211

Title of Project
The NORCAL Alternative Fuels and Advanced Vehicle Technology Center

Term and Amount	Start Date	End Date	Amount
	7 / 22 / 2014	12 / 31 / 2017	\$ 372,400

**Business Meeting Information**
 ARFVTP agreements under \$75K delegated to Executive Director.

Proposed Business Meeting Date	7 / 22 / 2014	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Andre Freeman	Time Needed:	5 minutes

Please select one list serve. Altfuels (AB118- ARFVTP)

**Agenda Item Subject and Description**

Proposed resolution approving Agreement ARV-14-005 with Carbonblu, LLC for a \$372,400 grant to develop and operate the Northern California Alternative Fuels and Advanced Vehicle Technology Center, which will serve as a major hub of innovation, education, and adoption of alternative fuels and advanced vehicle technologies throughout Northern California. (ARFVTP funding) Contact: Andre Freeman (5 minutes)

**California Environmental Quality Act (CEQA) Compliance**

- Is Agreement considered a "Project" under CEQA?
    - Yes (skip to question 2)  No (complete the following (PRC 21065 and 14 CCR 15378)):
    - Explain why Agreement is not considered a "Project":
    - Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .
  - If Agreement is considered a "Project" under CEQA:
    - a) Agreement **IS** exempt. (Attach draft NOE)
      - Statutory Exemption. List PRC and/or CCR section number: \_\_\_\_\_
      - Categorical Exemption. List CCR 15301 section number: \_\_\_\_\_
      - Common Sense Exemption. 14 CCR 15061 (b) (3)
      - Explain reason why Agreement is exempt under the above section:
      - Center will operate in existing facility and perform consulting services for fleets, leading to no direct environmental impact.
    - b) Agreement **IS NOT** exempt. (Consult with the legal office to determine next steps.)
- Check all that apply
- |   |   |
|---|---|
| <input type="checkbox"/> Initial Study                  | <input type="checkbox"/> Environmental Impact Report            |
| <input type="checkbox"/> Negative Declaration           | <input type="checkbox"/> Statement of Overriding Considerations |
| <input type="checkbox"/> Mitigated Negative Declaration |   |

**List all subcontractors (major and minor) and equipment vendors: (attach additional sheets as necessary)**

Legal Company Name:	Budget
Attached	\$
	\$
	\$

**List all key partners: (attach additional sheets as necessary)**

Legal Company Name:
Attached

**GRANT REQUEST FORM (GRF)**



Budget Information			
Funding Source	Funding Year of Appropriation	Budget List No.	Amount
ARFVTF	FY13/14	601.118F	\$372,400
Funding Source			\$
R&D Program Area:	Select Program Area	TOTAL:	\$372,400
Explanation for "Other" selection			
Reimbursement Contract #:		Federal Agreement #:	

Recipient's Administrator/ Officer				Recipient's Project Manager			
Name:	Joshua Pietak			Name:	Sedale Turbovsky		
Address:	5701 Lonetree Blvd.			Address:	5701 Lonetree Blvd.		
City, State, Zip:	Rocklin, CA 95765			City, State, Zip:	Rocklin, CA 95765		
Phone:	916-770-7270	Fax:	928-543-5237	Phone:	530-863-2173	Fax:	928-543-5237
E-Mail:	joshua.pietak@carbonblu.com			E-Mail:	sedale.turbovsky@carbonblu.com		

Selection Process Used	
<input checked="" type="checkbox"/> Competitive Solicitation	Solicitation #: PON-13-605
<input type="checkbox"/> First Come First Served Solicitation	

The following items should be attached to this GRF	
1. Exhibit A, Scope of Work	<input checked="" type="checkbox"/> Attached
2. Exhibit B, Budget Detail	<input checked="" type="checkbox"/> Attached
3. CEC 105, Questionnaire for Identifying Conflicts	<input checked="" type="checkbox"/> Attached
4. Recipient Resolution	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> Attached
5. CEQA Documentation	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> Attached

\_\_\_\_\_ Agreement Manager      \_\_\_\_\_ Date      \_\_\_\_\_ Office Manager      \_\_\_\_\_ Date      \_\_\_\_\_ Deputy Director      \_\_\_\_\_ Date

**CEC-270 attachment**

**Subcontractor list:**

Legal Company Name:	Budget:
Alternative Fuels Advocates LLC	\$30,000
The Grant Farm (includes match funds)	\$120,000
Obermark Accounting Services	\$17,900
TBD	\$60,000
TBD (match funds only)	\$100,000

**List of all key partners:**

Alternative Fuels Advocates LLC
Calstart, Inc
ECO, Inc.
The Grant Farm
McClellan Business Park LLC
Sacramento Clean Cities Coalition

## Exhibit A SCOPE OF WORK

### TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2		Center Preparation
3	X	Center Operations
4		Fund Development
5		Data Collection and Analysis

### KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Sedale Turbovsky, Joshua Pietak	The Grant Farm	
2	Sedale Turbovsky, Joshua Pietak, Todd Trauman		McClellan Business Park
3	Sedale Turbovsky	The Grant Farm; Alternative Fuels Advocates	CALSTART; Sacramento Clean Cities (SCCC)
4	Sedale Turbovsky	The Grant Farm; Alternative Fuels Advocates	
5	Sedale Turbovsky		

### GLOSSARY

*Specific terms and acronyms used throughout this scope of work are defined as follows:*

<b>Term/ Acronym</b>	<b>Definition</b>
ARFVTP	Alternative and Renewable Vehicle and Technology Program
CAM	Commission Agreement Manager
CEC	California Energy Commission
CPR	Critical Project Review
FTD	Fuels and Transportation Division
GHG	Greenhouse gases
Recipient	Carbonblu LLC

**BACKGROUND**

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). The statute authorizes the California Energy Commission (Energy Commission) to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state’s climate change policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the ARFVTP through January 1, 2024, and specifies that the Energy Commission allocate up to \$20 million per year (or up to 20 percent of each fiscal year’s funds) in funding for hydrogen station development until at least 100 stations are operational. The Energy Commission has an annual program budget of approximately \$100 million and provides financial support for projects that:

- Develop and improve alternative and renewable low-carbon fuels;
- Optimize alternative and renewable fuels for existing and developing engine technologies;
- Produce alternative and renewable low-carbon fuels in California;
- Decrease, on a full fuel cycle basis, the overall impact and carbon footprint of alternative and renewable fuels and increase sustainability;
- Expand fuel infrastructure, fueling stations, and equipment;
- Improve light-, medium-, and heavy-duty vehicle technologies;
- Retrofit medium- and heavy-duty on-road and non-road vehicle fleets;
- Expand infrastructure connected with existing fleets, public transit, and transportation corridors; and
- Establish workforce training programs, conduct public education and promotion, and create technology centers.

The California Energy Commission issued solicitation PON-13-605 to provide funding opportunities under the ARFVT Program for projects that develop new centers or expand existing centers for alternative fuels and advanced vehicle technology in Northern, Central, and Southern California. To be eligible for funding under PON-13-605 (the “Solicitation”), the projects must also be consistent with the ARFVT Investment Plan updated annually. In response to the Solicitation, Recipient submitted application

#2 (the “Application”), which was proposed for funding in the Energy Commission’s Notice of Proposed Awards issued April 22, 2014. Both the Application and the Solicitation are hereby incorporated by reference into this Agreement.

In the event of any conflict or inconsistency between the terms of the Solicitation and the terms of the Recipient’s Application, the Solicitation shall control. In the event of any conflict or inconsistency between the Recipient’s Application and the terms of the Energy Commission’s Award, the Commission’s Award shall control. Similarly, in the event of any conflict or inconsistency between the terms of this Agreement and the Recipient’s Application, the terms of this Agreement shall control.

**Problem Statement:**

Currently, many organizations are attempting to develop and expand the use of alternative fuels and advanced vehicle technologies in Northern California. They face several barriers that are hindering the development and widespread use of alternative fuels and advanced vehicle technologies in Northern California.

These barriers have not yet been adequately addressed by the marketplace or other institutions primarily because of misconceptions regarding the cost and efficiency of these alternative fuels and advanced vehicle technologies, as well as a lack of education about the process of integration and application of these advancements. These misconceptions are difficult to dispel among fleet managers because the majority of them lack the resources or time to research and develop a program to integrate alternative fuels and advanced vehicles into their operations.

**Goals of the Agreement:**

The goal of this project is to create and operate a Northern California center for alternative fuels and advanced vehicle technology. The proposed Center will help promote existing and new education, outreach, collaboration, and fund development activities focused on the future development and expansion of alternative fuels and advanced vehicle technologies in Northern California. The proposed center will also provide local municipal and private fleets with valuable technical and training services that will help fleets understand the economics of fleet conversion, accurately assess their current carbon emissions and regulatory compliance, select a customized fleet optimization plan, and implement solutions that measurably reduces emissions, and ensure regulatory compliance.

**Objectives of the Agreement:**

The objectives of this Agreement are to:

- Host or co-host six events, including workshops, conferences, and advanced vehicle technology demonstrations.
- Conduct grant proposal preparation workshops.
- Apply for grant opportunities to further fund the Center and its partner organizations.
- Help municipalities create and implement climate action plans.

- Increase demonstration and deployment of alternative technology fuels and vehicles.
- Reduce petroleum use in the proposed region by reducing the petroleum consumption of the fleets we help implement alternative fuels and advanced vehicle technology solutions.

## **TASK 1 ADMINISTRATION**

### **Task 1.1 Attend Kick-off Meeting**

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement. The Commission Agreement Manager (CAM) shall designate the date and location of this meeting and provide an agenda to the Recipient prior to the meeting.

#### **The Recipient shall:**

- Attend a “Kick-Off” meeting with the CAM and the Commission Agreement Officer. The Recipient shall bring its Project Manager, Agreement Administrator, Accounting Officer, and others designated by the CAM to this meeting.
- Discuss the following administrative and technical aspects of this Agreement:
  - Agreement Terms and Conditions
  - Critical Project Review (Task 1.2)
  - Match fund documentation (Task 1.6) No reimbursable work may be done until this documentation is in place.
  - Permit documentation (Task 1.7)
  - Subcontracts needed to carry out project (Task 1.8)
  - The CAM’s expectations for accomplishing tasks described in the Scope of Work
  - An updated Schedule of Products and Due Dates
  - Monthly Progress Reports (Task 1.4)
  - Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
  - Final Report (Task 1.5)

#### **Recipient Products:**

- Updated Schedule of Products
- Updated List of Match Funds
- Updated List of Permits

#### **CAM Products:**

- Kick-Off Meeting Agenda

## **Task 1.2 Critical Project Review (CPR) Meetings**

CPRs provide the opportunity for frank discussions between the Energy Commission and the Recipient. The goal of this task is to determine if the project should continue to receive Energy Commission funding to complete this Agreement and to identify any needed modifications to the tasks, products, schedule or budget.

The CAM may schedule CPR meetings as necessary, and meeting costs will be borne by the Recipient.

Meeting participants include the CAM and the Recipient and may include the Commission Agreement Officer, the Fuels and Transportation Division (FTD) team lead, other Energy Commission staff and Management as well as other individuals selected by the CAM to provide support to the Energy Commission.

### **The CAM shall:**

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the Energy Commission, but they may take place at another location.
- Send the Recipient the agenda and a list of expected participants in advance of each CPR. If applicable, the agenda shall include a discussion on both match funding and permits.
- Conduct and make a record of each CPR meeting. Prepare a schedule for providing the written determination described below.
- Determine whether to continue the project, and if continuing, whether or not modifications are needed to the tasks, schedule, products, and/or budget for the remainder of the Agreement. Modifications to the Agreement may require a formal amendment (please see section 8 of the Terms and Conditions). If the CAM concludes that satisfactory progress is not being made, this conclusion will be referred to the Lead Commissioner for Transportation for his or her concurrence.
- Provide the Recipient with a written determination in accordance with the schedule. The written response may include a requirement for the Recipient to revise one or more product(s) that were included in the CPR.

### **The Recipient shall:**

- Prepare a CPR Report for each CPR that discusses the progress of the Agreement toward achieving its goals and objectives. This report shall include recommendations and conclusions regarding continued work of the projects. This report shall be submitted along with any other products identified in this scope of work. The Recipient shall submit these documents to the CAM and any other designated reviewers at least 15 working days in advance of each CPR meeting.
- Present the required information at each CPR meeting and participate in a discussion about the Agreement.

**CAM Products:**

- Agenda and a list of expected participants
- Schedule for written determination
- Written determination

**Recipient Product:**

- CPR Report(s)

**Task 1.3 Final Meeting**

*The goal of this task is to closeout this Agreement.*

**The Recipient shall:**

- Meet with Energy Commission staff to present the findings, conclusions, and recommendations. The final meeting must be completed during the closeout of this Agreement.

This meeting will be attended by, at a minimum, the Recipient, the Commission Agreement Officer, and the CAM. The technical and administrative aspects of Agreement closeout will be discussed at the meeting, which may be two separate meetings at the discretion of the CAM.

The technical portion of the meeting shall present an assessment of the degree to which project and task goals and objectives were achieved, findings, conclusions, recommended next steps (if any) for the Agreement, and recommendations for improvements. The CAM will determine the appropriate meeting participants.

The administrative portion of the meeting shall be a discussion with the CAM and the Commission Agreement Officer, about the following Agreement closeout items:

- What to do with any equipment purchased with Energy Commission funds (Options)
- Energy Commission's request for specific "generated" data (not already provided in Agreement products)
- Need to document Recipient's disclosure of "subject inventions" developed under the Agreement
- "Surviving" Agreement provisions
- Final invoicing and release of retention
- Prepare a schedule for completing the closeout activities for this Agreement.

**Products:**

- Written documentation of meeting agreements
- Schedule for completing closeout activities

**Task 1.4 Monthly Progress Reports**

The goal of this task is to periodically verify that satisfactory and continued progress is made towards achieving the objectives of this Agreement on time and within budget.

The objectives of this task are to summarize activities performed during the reporting period, to identify activities planned for the next reporting period, to identify issues that may affect performance and expenditures, and to form the basis for determining whether invoices are consistent with work performed.

**The Recipient shall:**

- Prepare a Monthly Progress Report which summarizes all Agreement activities conducted by the Recipient for the reporting period, including an assessment of the ability to complete the Agreement within the current budget and any anticipated cost overruns. Each progress report is due to the CAM within 10 days of the end of the reporting period. The recommended specifications for each progress report are contained in Section 6 of the Terms and Conditions of this Agreement.
- In the first Monthly Progress Report and first invoice, document and verify match expenditures and provide a synopsis of project progress, if match funds have been expended or if work funded with match share has occurred after the notice of proposed award but before execution of the Commission Agreement Officer,. If no match funds have been expended or if no work funded with match share has occurred before execution, then state this in the report. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.

**Product:**

- Monthly Progress Reports

**Task 1.5 Final Report**

The goal of the Final Report is to assess the project's success in achieving the Agreement's goals and objectives, advancing science and technology, and providing energy-related and other benefits to California.

The objectives of the Final Report are to clearly and completely describe the project's purpose, approach, activities performed, results, and advancements in science and technology; to present a public assessment of the success of the project as measured by the degree to which goals and objectives were achieved; to make insightful observations based on results obtained; to draw conclusions; and to make recommendations for further projects and improvements to the FTD project management processes.

The Final Report shall be a public document. If the Recipient has obtained confidential status from the Energy Commission and will be preparing a confidential version of the Final Report as well, the Recipient shall perform the following activities for both the public and confidential versions of the Final Report.

**The Recipient shall:**

- Prepare an Outline of the Final Report, if requested by the CAM.
- Prepare a Final Report following the latest version of the Final Report guidelines which will be provided by the CAM. The CAM shall provide written comments on the Draft Final Report within fifteen (15) working days of receipt. The Final Report must be completed at least 60 days before the end of the Agreement Term.
- Submit one bound copy of the Final Report with the final invoice.

**Products:**

- Outline of the Final Report, if requested
- Draft Final Report
- Final Report

**Task 1.6 Identify and Obtain Matching Funds**

The goal of this task is to ensure that the match funds planned for this Agreement are obtained for and applied to this Agreement during the term of this Agreement.

The costs to obtain and document match fund commitments are not reimbursable through this Agreement. Although the Energy Commission budget for this task will be zero dollars, the Recipient may utilize match funds for this task. Match funds shall be spent concurrently or in advance of Energy Commission funds for each task during the term of this Agreement. Match funds must be identified in writing and the associated commitments obtained before the Recipient can incur any costs for which the Recipient will request reimbursement.

**The Recipient shall:**

- Prepare a letter documenting the match funding committed to this Agreement and submit it to the CAM at least 2 working days prior to the kick-off meeting. If no match funds were part of the proposal that led to the Energy Commission awarding this Agreement and none have been identified at the time this Agreement starts, then state such in the letter. If match funds were a part of the proposal that led to the Energy Commission awarding this Agreement, then provide in the letter a list of the match funds that identifies the:
  - Amount of each cash match fund, its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied.

- Amount of each in-kind contribution, a description, documented market or book value, and its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Recipient shall identify its owner and provide a contact name, address and telephone number, and the address where the property is located.
- Provide a copy of the letter of commitment from an authorized representative of each source of cash match funding or in-kind contributions that these funds or contributions have been secured. For match funds provided by a grant a copy of the executed grant shall be submitted in place of a letter of commitment.
- Discuss match funds and the implications to the Agreement if they are reduced or not obtained as committed, at the kick-off meeting. If applicable, match funds will be included as a line item in the progress reports and will be a topic at CPR meetings.
- Provide the appropriate information to the CAM if during the course of the Agreement additional match funds are received.
- Notify the CAM within 10 days if during the course of the Agreement existing match funds are reduced. Reduction in match funds must be approved through a formal amendment to the Agreement and may trigger an additional CPR meeting.

**Products:**

- A letter regarding match funds or stating that no match funds are provided
- Copy(ies) of each match fund commitment letter(s) (if applicable)
- Letter(s) for new match funds (if applicable)
- Letter that match funds were reduced (if applicable)

**Task 1.7 Identify and Obtain Required Permits**

The goal of this task is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track.

Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement. Although the Energy Commission budget for this task will be zero dollars, the Recipient shall budget match funds for any expected expenditures associated with obtaining permits. Permits must be identified in writing and obtained before the Recipient can make any expenditure for which a permit is required.

**The Recipient shall:**

- Prepare a letter documenting the permits required to conduct this Agreement and submit it to the CAM at least 2 working days prior to the kick-off meeting. If there are no permits required at the start of this Agreement, then state such in the letter. If it is known at the beginning of the Agreement that permits will be required during the course of the Agreement, provide in the letter:
  - A list of the permits that identifies the:
    - Type of permit
    - Name, address and telephone number of the permitting jurisdictions or lead agencies
  - The schedule the Recipient will follow in applying for and obtaining these permits.
- Discuss the list of permits and the schedule for obtaining them at the kick-off meeting and develop a timetable for submitting the updated list, schedule and the copies of the permits. The implications to the Agreement if the permits are not obtained in a timely fashion or are denied will also be discussed. If applicable, permits will be included as a line item in the Progress Reports and will be a topic at CPR meetings.
- If during the course of the Agreement additional permits become necessary, provide the appropriate information on each permit and an updated schedule to the CAM.
- As permits are obtained, send a copy of each approved permit to the CAM.
- If during the course of the Agreement permits are not obtained on time or are denied, notify the CAM within 5 working days. Either of these events may trigger an additional CPR.

**Products:**

- Letter documenting the permits or stating that no permits are required
- A copy of each approved permit (if applicable)
- Updated list of permits as they change during the term of the Agreement (if applicable)
- Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)

**Task 1.8 Obtain and Execute Subcontracts**

The goal of this task is to ensure quality products and to procure subcontractors required to carry out the tasks under this Agreement consistent with the Agreement Terms and Conditions and the Recipient's own procurement policies and procedures. It will also provide the Energy Commission an opportunity to review the subcontracts to ensure that the tasks are consistent with this Agreement, and that the budgeted expenditures are reasonable and consistent with applicable cost principles.

**The Recipient shall:**

- Manage and coordinate subcontractor activities.

- Submit a draft of each subcontract required to conduct the work under this Agreement to the CAM for review.
- Submit a final copy of the executed subcontract.
- If Recipient decides to add new subcontractors, then the Recipient shall notify the CAM.

**Products:**

- Draft subcontracts
- Final subcontracts

**TECHNICAL TASKS**

**TASK 2 CENTER PREPARATION**

The goals of this task are to secure all agreements necessary to rent/lease the center location, complete the interior build-out, hire staff, and create the center website.

**The Recipient shall:**

- Secure all agreements necessary to rent/lease the center location.
  - 3-year lease with McClellan Park
  - Subcontractor or partner agreements
  - Non-disclosure Agreements with all partners and subcontractors
- Initiate owner build-out of proposed center office space in McClellan Park
- Hire Operations Manager
- Furnish center

**Products:**

- Lease agreement with McClellan Business Park
- Subcontractor, partner, and service agreements

**TASK 3 CENTER OPERATIONS**

The goal of this task is to perform the Center’s day-to-day operations, including marketing.

**The Recipient shall:**

- Manage all day-to-day operations of the Center, including leasing the office space, utilities, marketing, branding, bookkeeping, and administrative support.
- Operate and regularly update the Center website.
- Operate booths at trade shows.
- Engage prospective clients and fleets via social media
- Coordinate the customized fleet analysis process for at least 48 regional fleets identified by the Sacramento Clean Cities Coalition and the Center’s own marketing efforts.

- Prepare Ongoing Fleet Analysis and Optimization Report
- Form and coordinate the Center's Advisory Board of industry experts.

**Products:**

- Ongoing Fleet Analysis and Optimization Report

**[CPR will be held during this task. See Task 1.2 for details.]**

**TASK 4 FUND DEVELOPMENT**

The goal of this task is to educate fleets about the economic viability of fleet conversion and to provide resources that help them apply for public and private funding opportunities.

**The Recipient shall:**

- Provide and regularly update a wide range of resources on the center website, including a list of California and federal grant opportunities
- Host or conduct at least six (6) grant writing workshops for fleets.
- Submit four grant proposal applications to public and private funding solicitations, not including Energy Commission solicitations, for the Center or its partners during the 24-month period.
- Conduct one-on-one public funding strategy session(s) with the showcase fleet.
- Conduct at least six (6) credit generation and utilization workshops for fleets and fuel providers.

**Products:**

- List of grant opportunities
- Copies of regional fleet grant proposals

**Task 5 DATA COLLECTION AND ANALYSIS**

The goal of this task is to collect operational data from the project, to analyze that data for economic and environmental benefits , and to include the data and analysis in the Final Report.

**The Recipient shall:**

- Develop data collection test plan.
- Troubleshoot any issues identified.
- Specific jobs and economic development resulting from this project
- Identify any current and planned use of renewable energy at the facility.
- Identify the source of the alternative fuel.
- Describe any energy efficiency measures used in the facility that may exceed Title 24 standards in Part 6 of the California Code Regulations.

- Provide data on potential job creation, economic development, and increased state revenue as a result of expected future expansion.
- Provide a quantified estimate of the project's carbon intensity values for life-cycle greenhouse gas emissions.
- Compare any project performance and expectations provided in the proposal to Energy Commission with actual project performance and accomplishments.
- Collect data, information, and analysis described above and include in the Final Report.

**Products:**

- Data collection information and analysis will be included in the Final Report

STATE OF CALIFORNIA

STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CARBONBLU, LLC

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (Energy Commission) adopts the staff CEQA findings contained in the Agreement Request Form; and

**RESOLVED**, that the Energy Commission approves Agreement ARV-14-005 from PON-13-605 with **Carbonblu, LLC** for a **\$372,400** grant to develop and operate the Northern California Alternative Fuels and Advanced Vehicle Technology Center, which will serve as a major hub of innovation, education, and adoption of alternative fuels and advanced vehicle technologies throughout Northern California; and

**FURTHER BE IT RESOLVED**, that the Executive Director or his/her designee shall execute the same on behalf of the Energy Commission.

**CERTIFICATION**

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the California Energy Commission held on July 22, 2014.

AYE: [List of Commissioners]

NAY: [List of Commissioners]

ABSENT: [List of Commissioners]

ABSTAIN: [List of Commissioners]

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Harriet Kallemeyn,  
Secretariat