



300 Bilmar Drive
Suite 250
Pittsburgh, PA 15205
412.489.9090

January 16, 2018

Secretary
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA 17105-3265

Subject: **Docket #A-2010-2154632**

Dear Secretary,

Enclosed you will find Advantus Engineers, LLC's renewal CSP Application for 2016. I wanted to get this application completed early. If there are any questions, please contact me. I have included the information requested in previous years.

- a. Attachment providing all information relating to "Identity of the Applicant" pursuant to Question Nos. 1(a)-1(j) of the CSP Application;
- b. Renewal application fee of \$25;
- c. Affidavit, attesting to the truth and knowledge of these facts; and
- d. Proof of current liability insurance coverage.

Thank you,

A handwritten signature in black ink, appearing to read 'Alicia Avick', written in a cursive style.

Alicia Avick, P.E., LEED AP, CxA
aavick@advantusengineers.com
412.489.9090

RECEIVED
2018 JAN 24 AM 10:49
PA PUC
SECRETARY'S BUREAU

**APPLICATION FOR RENEWAL OF CSP REGISTRATION
NO CHANGES INCURRED TO APPLICATION OF RECORD**

RECEIVED

2018 JAN 24 AM 10:49

Applicant (Company) Name and Docket No.:

Advantus Engineers, LLC Docket #A-2010-2154632

PA PUC
SECRETARY'S BUREAU

Contact Information (name, address, phone number and email of person filing application):

Alicia Avick, 300 Bilmar Drive, Suite 250, Pittsburgh, PA 15205, 412.489.9090,

aavick@advantusengineers.com

On behalf of the Applicant I am filing with the Commission this Application for Renewal of CSP Registration. There are NO CHANGES to the Applicant's CSP Application of record on file at the Commission at the Docket Number as indicated herein.

I have reviewed the Applicant's CSP Application of record and no information contained therein has changed. Furthermore, no compliance issues have occurred relating to the Applicant's CSP Application of record regarding responses to Questions 4.a – 4.d. Enclosed are the following items:

- a. Attachment providing all information relating to "Identity of the Applicant," pursuant to Question Nos. 1(a)-1(j) of the CSP Application;
- b. Renewal application fee of \$25;
- c. Affidavit, attesting to the truth and knowledge of these facts; and
- d. Proof of current liability insurance coverage.

Alicia Avick, President

Name and Title of person authorized by Applicant to file this Application



Signature

1/14/18

Date

The Applicant understands that the making of false statement(s) herein may be grounds for denying the Application for Renewal of Conservation Service Provider Registration, or if later discovered, for revoking any authority granted pursuant to the Application. This Application is subject to 18 Pa. C.S. §§4903 and 4904, relating to perjury and falsification in official matters.

AFFIDAVIT

RECEIVED

2018 JAN 24 AM 10:50

PA PUC
SECRETARY'S BUREAU

[Commonwealth/State] of Pennsylvania _____:

: ss.

County of Allegheny _____:

Alicia Avick _____, Affiant, being duly [sworn/affirmed] according to law, deposes and says that:

[He/she is the Owner/President _____ (Office of Affiant) of Advantus Engineers, LLC _____ (Name of Applicant);]

[That he/she is authorized to and does make this affidavit for said Applicant;]

That the Applicant herein Advantus Engineers, LLC _____ has the burden of producing information and supporting documentation demonstrating its technical and financial fitness to be registered as a conservation service provider pursuant to Act 129 of 2008.

That the Applicant herein Advantus Engineers, LLC _____ acknowledges that it has answered the questions on the application correctly, truthfully and completely and has provided supporting documentation as required.

That the Applicant herein Advantus Engineers, LLC _____ acknowledges that it is under a duty to update information provided in answer to questions on this application and contained in supporting documents.

That the Applicant herein Advantus Engineers, LLC _____ acknowledges that it is under a duty to supplement information provided in answer to questions on this application and contained in supporting documents as requested by the Commission.

That the facts above set forth are true and correct to the best of his/her knowledge, information, and belief, and that he/she expects said Applicant to be able to prove the same at hearing.

Alicia Avick
Signature of Affiant

Sworn and subscribed before me this 19th day of January, 2018.

Gloria J. Fritz
Signature of official administering oath

My commission expires: 12-8-2021

Commonwealth of Pennsylvania - Notary Seal
Gloria J. Fritz, Notary Public
Allegheny County
My commission expires December 8, 2021
Commission number 1054158
Member, Pennsylvania Association of Notaries

**CONSERVATION SERVICE PROVIDER ("CSP") APPLICATION
FOR REGISTRATION IN THE COMMONWEALTH OF PENNSYLVANIA**

Conservation Service Providers ("CSPs") have a specific role under Act 129, which requires a covered Electric Distribution Company's Energy Efficiency and Conservation (EE&C) plan to include one or more CSPs to implement at least a portion of the EE&C Plan. 66 Pa.C.S. § 2806.1(b)(1)(i)(E). CSPs provide information and technical assistance to EDCs on *measures* that enable a person to increase energy efficiency or reduce energy consumption. CSPs must have no direct or indirect ownership, partnership or other affiliated interest with an EDC. 66 Pa.C.S. § 2806.1 (m). Only registered CSPs may advise an EDC and/or provide consultation, design, or administration or management services to an EDC related to the implementation of the EDC's EE&C Plan. As such, registration of business entities as approved CSPs is required before entering into a contractual agreement with an EDC exclusively for the provision of consultation, design, administration, management or advisory services regarding that EDC's EE&C plan. This registry is not intended as a resource for business, whose sole purpose is the installation of measures, supplying of equipment or other contracting work for use by the general public and EDC customers. If providing such services, registration as a CSP is not required for entering into an agreement with an EDC.

Any CSP subcontractor with an annual contract cost that equals or exceeds 10% of the CSP annual contract cost and is directly performing services pursuant to a contract with a CSP which has contracted with an EDC after Commission approval should also register as a CSP. This does not include third party contractors which participate in or support an EE&C Plan but are not directly contracted with a CSP which has a direct contractual relationship with the EDC subject to Act 129.

To qualify an applicant must have at least two years of experience in providing program consultation, design, administration, management or advisory services related to energy efficiency and conservation services. CSP registration is not required of entities that limit their services to the installation of energy efficiency measures or the provision of equipment or materials to EDC customers or the public in general.

1. IDENTITY OF THE APPLICANT

- a. Legal Name of Applicant: Advantus Engineers, LLC

Attach proof of compliance with appropriate Pennsylvania Department of State filing requirements.¹

RECEIVED
2018 JAN 24 AM 10:50
PA PUC
SECRETARY'S BUREAU

¹ A copy of any document from the Pennsylvania Department of State (Pa. Dept. of State) documenting the Applicant's Pa. Dept. of State entity number is adequate. However, the document must indicate that the Applicant's Pa. Dept. of State registration is "active." Certified copies of Pa. Dept. of State documents are not required.

- b. Trade or Commercial or Fictitious Names Used by Applicant (d/b/a)—List all that apply.

The Applicant will be using a fictitious name or doing business as (“d/b/a”). Identify names below. If more space is needed, list names on the back of this page or append list to completed application.

The Applicant will not be using a fictitious name.

- c. Applicant Address: 300 Bilmar Drive, Suite 250, Pittsburgh, PA 15205

- d. Applicant Telephone No: 412.489.9090

- e. Applicant Email Address: aavick@advantuseengineers.com

- f. Contact Information for Applicant. PLEASE NOTE: Upon approval of this application, this Contact Information will be listed on the Commission’s CSP Registry.

- Name Alicia Avick
- Mailing Address 300 Bilmar Drive, Suite 250, Pittsburgh, PA 15205
- Telephone 412.489.9090

Email Address aavick@advantuseengineers.com

- g. Predecessor(s) & Other Names used by Applicant for past five (5) years of date of this application. Provide Name(s), Address(es) and Telephone No.(s).

Check Box if any Predecessor(s) is currently or was previously registered in Pennsylvania as a CSP. If affirmative, please provide Docket No(s). (A-[Year]-[Seven (7) Digits]) and names for all registered CSPs.

h. Parent & Subsidiary Companies & Affiliates:

Parent Name and Contact Information. Provide name and contact information for parent company. Check Box if any parent company is currently doing business in Pennsylvania as a CSP or Electric Distribution Company (EDC). If "None," do not check the box and answer "None" below.

Subsidiaries and Contact Information. Provide name and contact information for all subsidiary companies. Check Box if any subsidiary is currently doing business in Pennsylvania as a CSP or Electric Distribution Company (EDC). If "None," do not check the box and answer "None" below.

Affiliate(s) and Contact Information. Provide name and contact information for all affiliate companies. Check Box if any affiliate is currently doing business in Pennsylvania as a CSP or Electric Distribution Company (EDC). If "None," do not check the box and answer "None" below.

i. Contracts & Business Partnerships:

Check Box if Applicant intends to or has operated under contract with or has partnered with an EDC within the past five (5) years. If "None," do not check the box and answer "None" below.

Check Box if Applicant intends to or has operated under contract (subcontractor) with or has partnered with a CSP within the past five (5) years. If "None," do not check the box and answer "None" below.

If any box above is checked, please provide name(s) of EDC(s) and CSP(s) and contact information for each and briefly describe the nature of business services associated with each contract and/or partnership.
Advantus Engineers, LLC is a subcontractor to KEMA for work with PECO.

j. Identify principal officers (owners, executives, partners and/or directors), as appropriate for Applicant's organizational structure. Provide an organizational chart and the names, titles, business addresses and telephone numbers for each office.
Alicia Avick, Owner and President, 300 Bilmar Drive, Suite 250, Pittsburgh, PA 15205, 412.489.9090

k. Attach to this Application a brief biography or single page professional resume for all principal officers and management directly responsible for Applicant's operations.

1. Provide Applicant's Employer Identification No. (EIN): 20-1618793

2. **REGISTERED AGENT**

a. If the Applicant does not maintain a principal office in the Commonwealth, the Applicant is required by the Pennsylvania Department of State to designate an approved Registered Agent as its representative in the Commonwealth. Check one of the Boxes below, as applicable:

YES, the Applicant has registered its business with the Pennsylvania Department of State. Following is the Name and Contact information for the Applicant's Department-Approved Registered Agent.

- Registered Agent's Name
- Registered Agent's Mailing Address
- Registered Agent's Telephone
- Registered Agent's Email Address

NO, the Applicant has not registered its business with the Pennsylvania Department of State. STOP—To avoid denial of your application and forfeiture of your application fee, you should contact the Pennsylvania Department of State Bureau of Corporations to register as a business entity within the Commonwealth PRIOR TO completion and filing of this application with the Pennsylvania Public Utility Commission.

- b. Applicant has registered its business with the Pennsylvania Department of State. Please check appropriate registration type for Applicant as designated with the Department.

Sole proprietor (15 Pa. C.S. §4124)

Domestic corporation (none)

Domestic general partnership (15 Pa. C.S. §4124)

Domestic limited liability company (15 Pa. C.S. §8913)

Domestic limited liability partnership (15 Pa. C.S. §8201)

Foreign corporation (15 Pa. C.S. §4124)

Foreign general or limited partnership (15 Pa. C.S. §4124)

Foreign limited liability company (15 Pa. C.S. §8981)

Foreign limited liability general partnership (15 Pa. C.S. §8211)

Foreign limited liability limited partnership (15 Pa. C.S. §8211)

- c. If Applicant is not domiciled in the Commonwealth of Pennsylvania and is registered as a "foreign" entity as identified in Question 2.b., please identify all other states where applicant is registered and name the appropriate state department(s):



**Alicia M Avick, PE, LEED AP, CxA
President**

Ms. Avick founded Advantus Engineers in 2004, specializing in commissioning, ATC and HVAC design and consulting services. With her background in controls she has acted as an owner's representative as well as a Certified Commissioning Authority. She is a Professional Engineer licensed in Pennsylvania. Ms. Avick is also a LEED Accredited Professional and a Certified Commissioning Authority.

Ms. Avick's commissioning experience includes design and submittal reviews, assisting architects and engineers on preparing commissioning specifications and test and checklist writing. She has extensive experience in commissioning management and onsite commissioning experience, including overseeing testing and maintaining project issue logs. The majority of Ms. Avick's engineering and commissioning experience has been on GREEN buildings where sustainability is an overarching goal.

Ms. Avick also has extensive project management experience leading the majority of Advantus' projects. This includes overseeing commissioning work, design engineering, QA/QC, and construction management.

RELEVANT PROFESSIONAL EXPERIENCE

NASA Goddard Space Flight Center – Greenbelt, MD – QA and Commissioning

Advantus provides the NASA Goddard Space Flight Center in Greenbelt, Maryland with Quality Assurance and Coordination Services and Building Commissioning. The full time, five-person team's experience includes daily QA on a wide variety of projects from offices to laboratories. 2014-Present

Pittsburgh Public Schools – Pittsburgh, PA – Engineering Consultant and Project Manager

Advantus is entering its 12th year of open-ended A/E service contracts with Pittsburgh Public Schools. In that time Ms. Avick has overseen a multitude projects, including boiler replacements, unit ventilator replacements, cooling upgrades, electrical projects, elevator studies and environmental assessments. Advantus and Ms. Avick also act as construction managers for the school district each summer on Advantus' design projects. 2006 - Present

CCAC Backfill Project – Pittsburgh, PA – Commissioning Authority

Advantus was the commissioning agent for Community College of Allegheny County Backfill project. Projects included renovations to classrooms, labs, computer labs, the bookstore and the addition of a Starbucks. 2013 - 2017

UPMC – Pittsburgh, PA – Commissioning Authority

Ms. Avick has been the lead commissioning agent for various projects at UPMC. Projects have included work at Magee, Shadyside, Presby, UPMC Bedford and eight senior living facilities. 2013 - Present

Riverfront East – Pittsburgh, PA – Commissioning Authority

Ms. Avick is serving as the commissioning agent for this new 135,000 sqft office development located in the Strip District in Pittsburgh, PA. The project is pursuing LEED Silver Certification. 2015 – Present

Hot Metal Flats – Pittsburgh, PA – Commissioning Authority

Ms. Avick served as the commissioning agent for this new 150,000 sqft apartment building located in the Southside of Pittsburgh, PA. The project is designed to LEED Silver. 2014 - 2016

CONSOL Energy Center – Pittsburgh, PA – Engineering and Construction Consultant

Advantus provided mechanical and electrical design services for areas of the new arena. Advantus also provided mechanical and electrical field construction reports. This arena was the first NHL Arena to be LEED certified. 2008 – 2010

Government Laboratory – Pittsburgh, PA – Commissioning Lead

Ms. Avick served as the commissioning lead for this new 44,000 square foot laboratory building. Building includes radiochemistry and wet chemistry labs. 2010 - 2014

NETL Daycare – Morgantown, WV – Commissioning Authority

Ms. Avick acted as the commissioning authority for the Department of Energy's latest daycare facility. This building is designed as a LEED Platinum building and includes geothermal heat pumps, chilled beams, rainwater recovery and solar photovoltaic collectors. 2009 - 2011

Government A-4 Office Building – Pittsburgh, PA – Commissioning Authority

Ms. Avick served as the commissioning authority for this new office building. 2008-2010

Government SWRC and Gatehouse – Pittsburgh, PA – Commissioning Authority

Ms. Avick served as commissioning authority for this this 60,000 sqft new warehouse and security checkpoint. 2008-2011

US Army Reserve Center – Erie, PA – Commissioning Authority

Ms. Avick served as the commissioning authority for this new reserve training and maintenance center for the Army Corps of Engineers. 2008-2009

PA National Guard – Coraopolis, PA – Commissioning Authority

Ms. Avick served as the commissioning authority for this renovation of building 107 for the PA National Guard. 2009-2010

Monroeville Convention Center – Monroeville, PA – Commissioning Authority

Ms. Avick served as the commissioning authority for this extensive renovation project. This building is pursuing LEED Certification. 2009

Northside Fire Station – Morgantown, WV – Commissioning Authority

Ms. Avick served as the commissioning authority for the City of Morgantown's new fire station. This building is designed as a LEED building. 2008-2009

NETL Technologies Building – Morgantown, WV – Commissioning Authority

Ms. Avick served as the commissioning authority for the Department of Energy's National Energy Technology Laboratory's Technology Support Facility. This building is certified as a LEED building. 2006-2008

EDUCATION

Bachelor of Science Mechanical Engineering, University of Notre Dame

REGISTRATION & PROFESSIONAL AFFILIATIONS

Registered Professional Engineer (PE) – Pennsylvania

United States Green Building Council – LEED Accredited Professional (LEED AP)

ACG Commissioning Group – Certified Commissioning Authority (CxA)

ACE Board Member

2011 Inductee Upper St. Clair High School Academic Hall of Fame

PENNSYLVANIA DEPARTMENT OF STATE
CORPORATION BUREAU

Entity Number
3305012

Certificate of Organization
Domestic Limited Liability Company
(15 Pa.C.S. § 8913)

Name
Adventus Engineers, LLC
Address
555 N. Bell Ave.
City State Zip Code
Carnegie PA 15106

Document will be returned to the name and address you enter to the left.

Fee: \$125

Filed in the Department of State on JUN 15 2005
Pech C. Cortes
Secretary of the Commonwealth

In compliance with the requirements of 15 Pa.C.S. § 8913 (relating to certificate of organization), the undersigned desiring to organize a limited liability company, hereby certifies that:

1. The name of the limited liability company (designator is required, i.e., "company", "limited" or "limited liability company" or abbreviation):
Adventus Engineers, LLC

2. The (a) address of the limited liability company's initial registered office in this Commonwealth or (b) name of its commercial registered office provider and the county of venue is:
(a) Number and Street City State Zip Code County
555 N. Bell Ave. Carnegie, PA 15106 Allegheny
(b) Name of Commercial Registered Office Provider County
c/o:

3. The name and address, including street and number, if any, of each organizer is (all organizers must sign on page 2):
Name Address
Alicia Avick 555 N. Bell Ave.
Carnegie, PA 15106

PA DEPT. OF STATE
MAY 09 2005

PA DEPT. OF STATE
JUN 15 2005

DSCB:15-8913-2

4. ~~Strike out if inapplicable term~~
~~A member's interest in the company is to be evidenced by a certificate of membership interest.~~

5. ~~Strike out if inapplicable:~~
~~Management of the company is vested in a manager or managers.~~

6. The specified effective date, if any is: 5 1 2008
month date year hour, if any

7. ~~Strike out if inapplicable:~~ ~~The company is a restricted professional company organized to render the following restricted professional services:~~

8. For additional provisions of the certificate, if any, attach an 8 1/2 x 11 sheet.

IN TESTIMONY WHEREOF, the organizer(s) has (have)
signed this Certificate of Organization this
1 day of May 2005
Alison Clark
Signature

Signature

Signature

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF STATE
BUREAU OF PROFESSIONAL AND OCCUPATIONAL AFFAIRS
STATE REGISTRATION BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS AND GEOLOGISTS
P O Box 2649
Harrisburg, Pa 17105-2649
www.dos.state.pa.us

June 8, 2005

ADVANTUS ENGINEERS LLC
555C BELL AVNUE
CARNEGIE PA 15106

CORPORATE/FICTITIOUS NAME APPROVAL

Approval has been granted pursuant to Section 6 of the Engineer, Land Surveyor and Geologist Registration Law and only in reference to the use of the words relating to engineering, land surveying and geology in the name submitted by the applicant named above.

If you are including any other professional use of wording in the name for professions not related to the State Registration Board for Professional Engineers, Land Surveyors and Geologists, separate approval may be required from that profession's licensure board. Please contact that licensure board for additional information.

Approved Corporate/Fictitious Name:


ADVANTUS ENGINEERS LLC

Approval Number:

001562



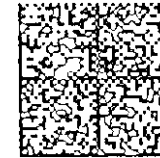
Signature of Reviewing Officer



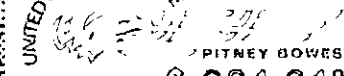
Date



Advantus Engineers, LLC
300 Bilmar Drive
Suite 250
Pittsburgh, PA 15205



UNITED STATES POSTAGE



02 1P \$001.610
0001913693 JAN 19 2018
MAILED FROM ZIP CODE 15205

Secretary
Pennsylvania Public Utility
Commission
P. O. Box 3265
Harrisburg, PA 17105-3265