



1401 McLaughlin Run Rd  
STE 2  
Pittsburgh, PA 15241  
412.489.9090

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January 20, 2022

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

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

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Dear Secretary,

Enclosed you will find Advantus Engineers, LLC's renewal CSP Application for 2022. 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. CSP Application:
  - a. Please note change of address.
  - b. Resume for Alicia Avick
  - c. Certificate of Organization
  - d. Corporate Name Approval
- b. Affidavit
- c. Renewal application fee of \$125
- d. Proof of current liability insurance coverage

Thank you,

Alicia Avick, P.E., LEED AP, CxA  
[aavick@advantusengineers.com](mailto:aavick@advantusengineers.com)  
412.489.9090

RECEIVED  
2022 JAN 24 AM 10:42  
PA PUC  
SECRETARY'S BUREAU

**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.

***I. IDENTITY OF THE APPLICANT***

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

Attach proof of compliance with appropriate Pennsylvania Department of State filing requirements.<sup>1</sup>

**RECEIVED**

JAN 24 2022

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

<sup>1</sup> 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: 1401 McLaughlin Run Rd, STE 2, Pittsburgh, PA 15241

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 1401 McLaughlin Run Rd, STE 2, Pittsburgh, PA 15241
- 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.

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- 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.

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- 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.

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**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.**  
None

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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, 1401 McLaughlin Run Rd, STE 2, Pittsburgh, PA 15241, 412.489.9090

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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.

l. 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):

**3. APPLICANT'S OPERATIONS**

Respond to each of the following four questions relating to Applicant's operations and its technical and financial fitness. Respond to each item and attach any additional information and/or statements to this Application as appropriate.

a. Describe nature of business:

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b. Current status of business (check one):

- Applicant is presently doing business in Pennsylvania
- Applicant is presently not doing business in Pennsylvania

c. The Applicant proposes to provide the following information and technical services to an EDC. Check all services that apply and identify all EDCs with whom Applicant intends to conduct business.

- |   |       |       |
|---|-------|-------|
| <input type="checkbox"/> Consultation   | EDCs: |       |
| <input type="checkbox"/> Design         |       | _____ |
| <input type="checkbox"/> Administration |       | _____ |
| <input type="checkbox"/> Management     |       | _____ |
| <input type="checkbox"/> Advisory       |       | _____ |

d. Attach to this Application a copy of any certification(s) or similar documentation that would demonstrate the technical fitness of Applicant, such as membership in trade associations, professional licenses, technical certifications, and/or names of current or past clients with a description of dates and types of services provided by Applicant.

e. Attach to this Application proof of current liability insurance coverage.

**4. COMPLIANCE**

Respond to each of the following Questions. Provide a statement as to the resolution or present status of any such proceedings, if applicable.

- a. In the past three years has the Applicant, the parent company, an affiliate or predecessor or partner (contractor/subcontractor business relationship) of the Applicant, or any person identified by the Applicant in this Application, been investigated or convicted of a crime involving fraud, theft, larceny, deceit, violation of consumer protection law, violation of deceptive trade law or similar activity, whether before an administrative body or in a judicial forum, in which the Applicant, an affiliate, a predecessor of either, or a person identified herein has been a defendant or a respondent?

- No
- Yes. Provide explanation:

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- b. Is the Applicant, the parent company, an affiliate, or a predecessor of either, currently delinquent with any state or federal taxing authority?

- No
- Yes. Provide explanation:

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- c. Identify all bankruptcy or liquidation proceedings for the prior three years. If none, state "None" below.

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- d. Identify all customer complaints filed with a regulatory or prosecutor agency for the prior three years of the date of this application. In none, state "None" below.

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5. **FALSIFICATION**

The Applicant understands that the making of false statement(s) herein may be grounds for denying the Application, 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.

Signature of Principal Official: Alicia Avick

Official's Name & Title : Alicia Avick, President  
(Please Print)

Date : 1/20/22

APPENDIX A - AFFIDAVIT

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[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.

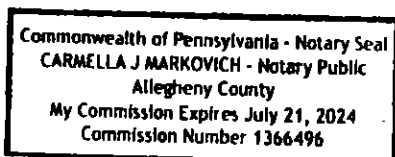
That the facts above set forth are true and correct to the best of his/her knowledge, information, and belief, and that he/she expects said Applicant to be able to prove the same at hearing.

Alicia Avick  
Signature of Affiant

Sworn and subscribed before me this 21<sup>st</sup> day of January, 2022.

Carmella J Markovich  
Signature of official administering oath

My commission expires: July 21, 2024



**PENNSYLVANIA DEPARTMENT OF STATE  
CORPORATION BUREAU**

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Entity Number  
**3305012**

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

Name  
**Adventus Engineers, LLC**  


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 Address  
**555 N. Bell Ave.**  


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City <b>Carnegie</b>	State <b>PA</b>	Zip Code <b>15106</b>
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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**

Peter C. Costa

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 <b>555 N. Bell Ave.</b>	City <b>Carnegie,</b>	State <b>PA</b>	Zip <b>15106</b>	County <b>Allegheny</b>
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(b) Name of Commercial Registered Office Provider \_\_\_\_\_ County \_\_\_\_\_

3. The name and address, including street and number, if any, of each organizer is (all organizers must sign on page 3):

Name	Address
<b>Alicia Avick</b>	<b>555 N. Bell Ave. Carnegie, PA 15106</b>

PA DEPT. OF STATE

PA DEPT. OF STATE

MAY 09 2005

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 2005  
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 organization has (have)  
signed this Certificate of Organization this  
1 day of May, 2005  
Alena Chick  
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 2848  
 Harrisburg, Pa 17105-2849  
[www.dos.state.pa.us](http://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 8 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

**06.08.05**  
 \_\_\_\_\_  
 Date



# Alicia M. Avick PE, LEED AP, CxA

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 focuses on sustainable and high-performance buildings.

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

## RELEVANT PROFESSIONAL EXPERIENCE

### **Multi-Modal Complex at Pittsburgh International Airport, Pittsburgh, PA – Commissioning Authority**

Advantus is the commissioning agent for the Allegheny County Airport Authority's new Multi-Modal Complex, located at Pittsburgh International Airport. This complex will feature a 20,000 square foot Customer Service Building, a 3,500-space garage, as well as a Quick Turnaround Facility. This complex will support the new terminal building and is pursuing LEED and ParksMart certifications. *2020-Present*

### **412 Boulevard of the Allies, Pittsburgh, PA – Commissioning Authority**

Ms. Avick is the commissioning agent for this tenant fit out of the 8<sup>th</sup> and 9<sup>th</sup> floors of 412 Boulevard of the Allies. The building is owned by the City of Pittsburgh, the Urban Redevelopment Authority of Pittsburgh, and the Housing Authority of the City of Pittsburgh. This 28,600 square foot office space is targeting LEED Silver under LEED v4 for Commercial Interiors. The project is pursuing both Fundamental and Enhanced Commissioning. *2018-2020*

### **UPMC, Pittsburgh, PA – Commissioning Authority**

Ms. Avick has been the lead commissioning agent for various projects at UPMC. Projects include work at UPMC Magee-Womens Hospital, UPMC Shadyside, UPMC Presbyterian, UPMC Bedford, UPMC St. Margaret, and dozens of senior living facilities. Projects have included medical offices, operating rooms, pharmacy, and patient care areas. *2013-Present*

### **Riverfront East – Burns White, Pittsburgh, PA – Commissioning Authority**

Advantus was the commissioning agent for this 110,000 square foot LEED Silver core and shell project and for the subsequent tenant fit out. *2016-2018*

### **Innovation Pointe, Wexford, PA – Commissioning Authority**

Advantus was the commissioning agent for this 130,000 square foot office building that achieved LEED Certified for core and shell. *2018-2020*

### **PPG Paints Area, Pittsburgh, PA – Engineering and Construction Consultant**

Advantus provided mechanical and electrical design services for areas of PPG Paints Arena (formerly CONSOL Energy Center). Advantus also provided mechanical and electrical field construction reports. This arena achieved LEED Gold and was the first NHL Arena to be LEED certified. *2008-2010*

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

Advantus provided the NASA Goddard Space Flight Center with Quality Assurance and Coordination Services and Building Commissioning. The full-time, seven-person team's experience included daily QA on a wide variety of projects from offices to laboratories. *2014-2018*

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

Advantus has been the on-call engineering consultant for PPS almost 15 years. 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*

### **Sports & Exhibition Authority Stadium Inspections, Pittsburgh, PA – Mechanical Engineer**

Ms. Avick has been part of the inspection team for the annual inspections of PNC Park, Heinz Field, and PPG Paints Arena. *2012-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*

### **Hot Metal Flats, Pittsburgh, PA – Commissioning Authority**

Ms. Avick served as the commissioning agent for this new 150,000 square foot apartment building located in the South Side. The project achieved LEED Gold for new construction. *2014-2016*

### **NETL Daycare, Morgantown, WV – Commissioning Authority**

Ms. Avick acted as the commissioning authority for the Department of Energy's daycare facility. This building achieved LEED Gold 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*

## **EDUCATION**

Bachelor of Science Mechanical Engineering, University of Notre Dame

## **REGISTRATION & PROFESSIONAL AFFILIATIONS**

Registered Professional Engineer (PE) – Pennsylvania  
U.S. 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





Advantus Engineers, LLC  
1401 McLaughlin Run Road  
STE 2  
Pittsburgh, PA 15241



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